

FIG. 1a (background art)

RECORDED IN U.S. PATENT AND TRADEMARK OFFICE

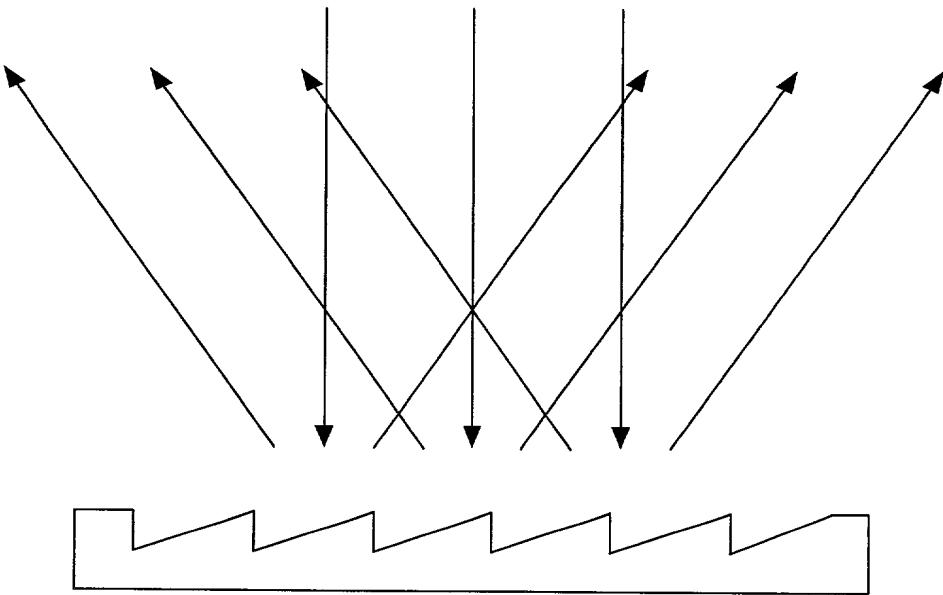


FIG. 1b (background art)



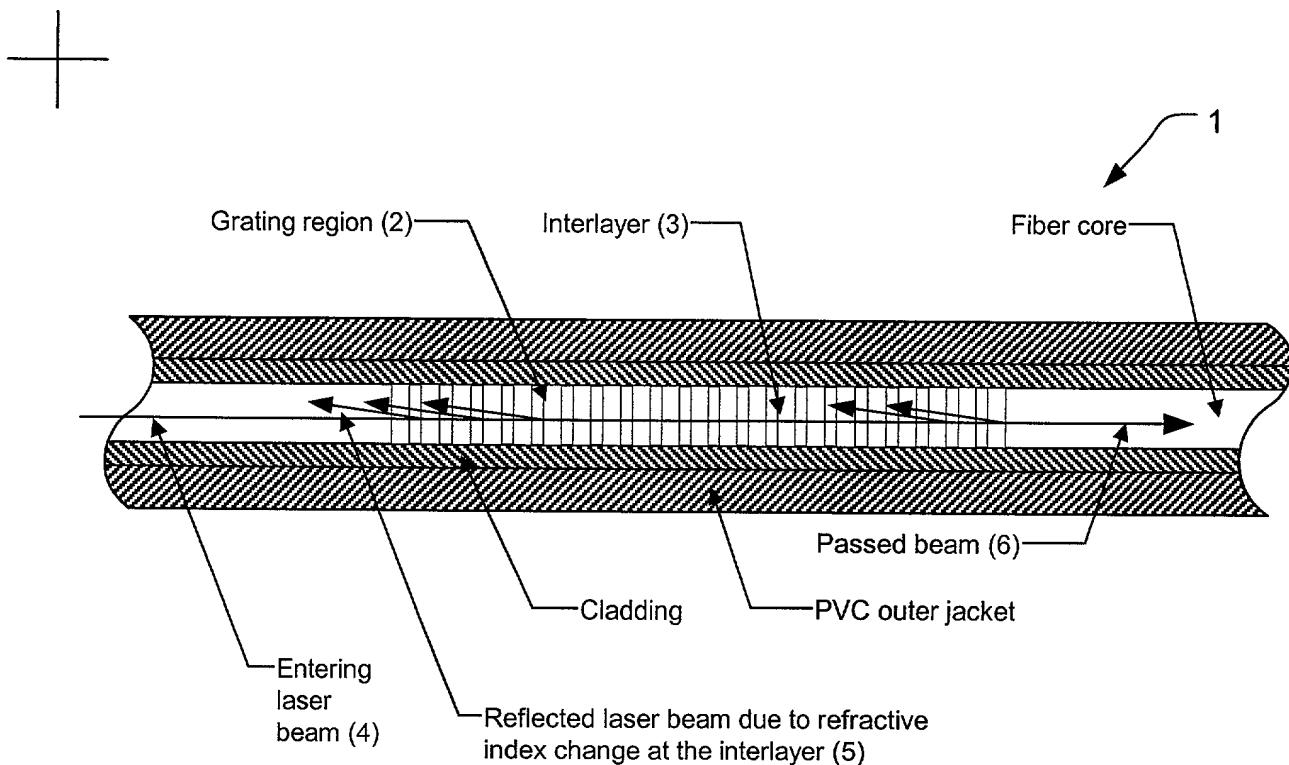


FIG. 2 (background art)

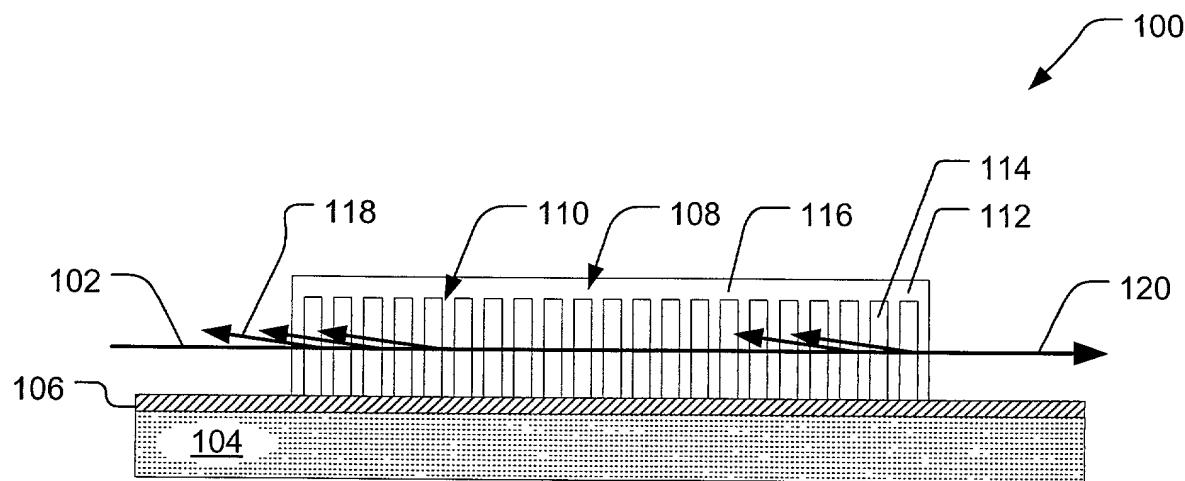


FIG. 3

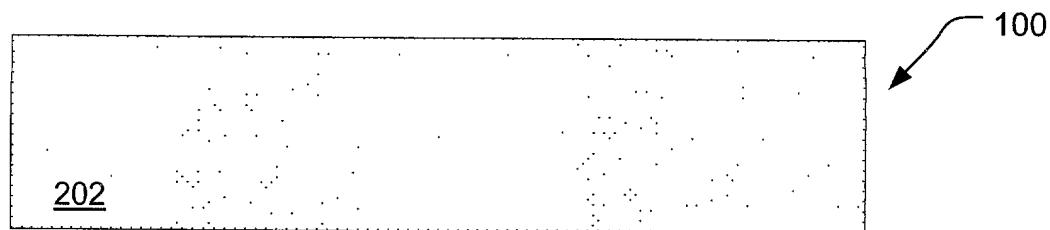


FIG. 4a

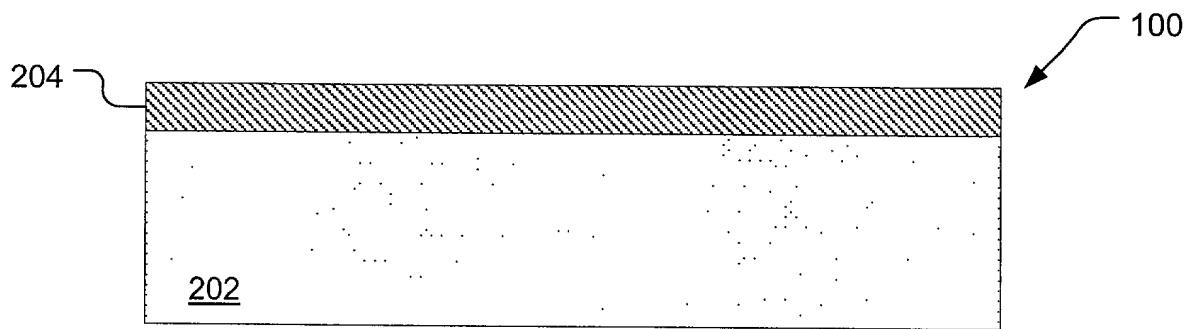


FIG. 4b

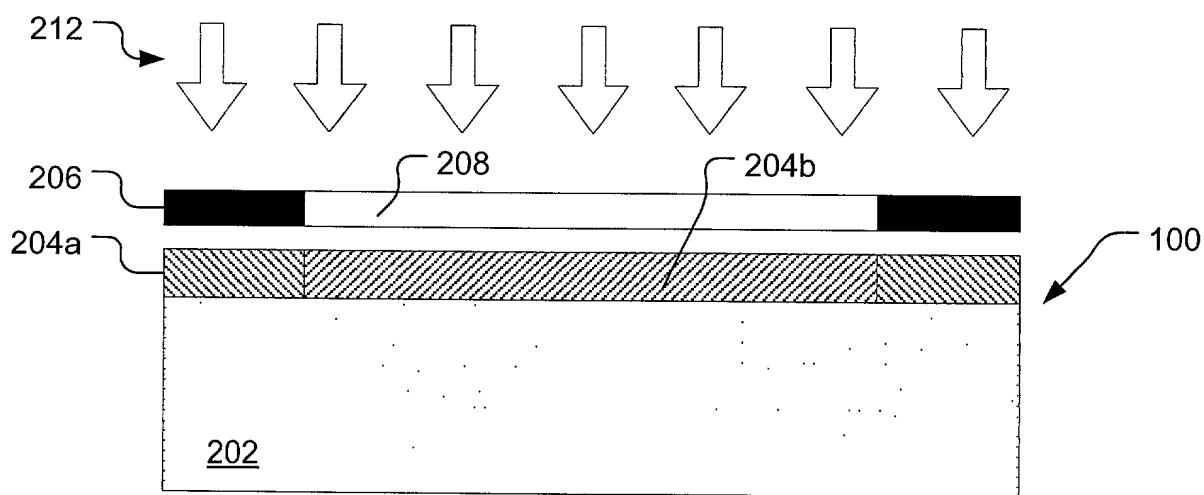


FIG. 4c



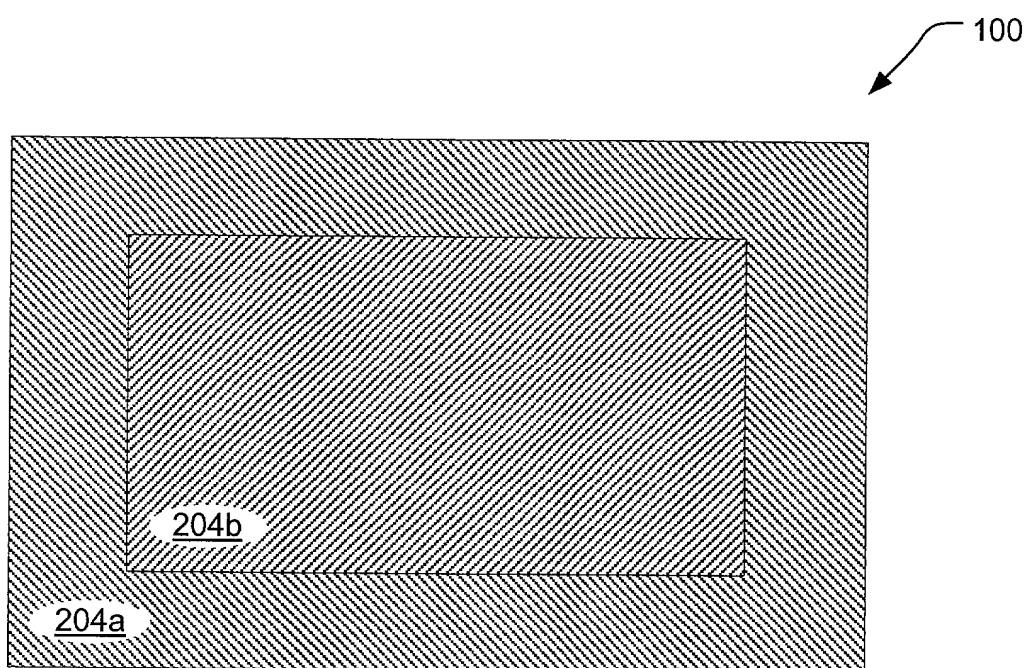
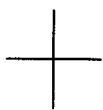


FIG. 4d

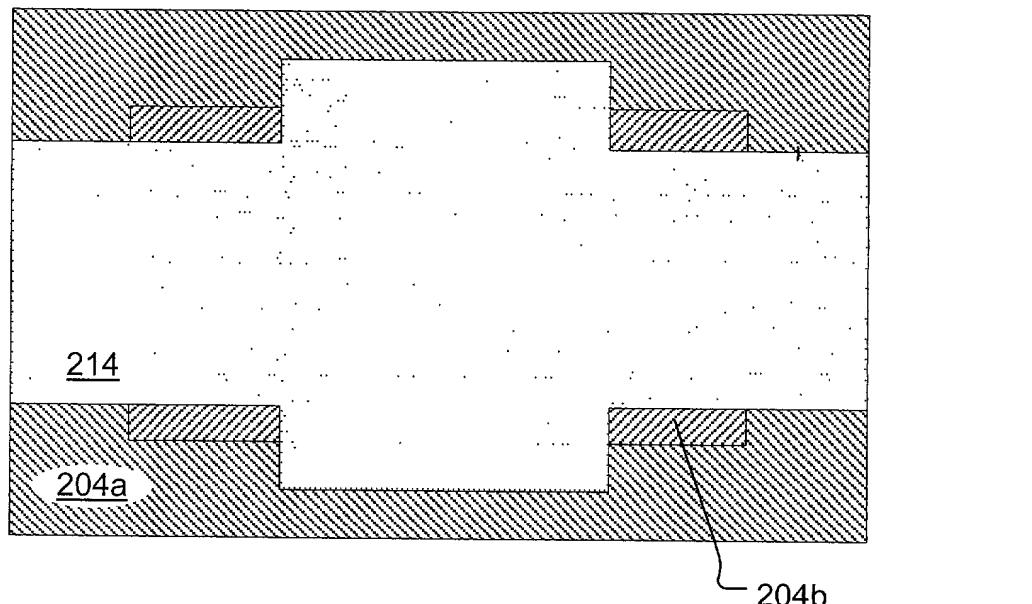


FIG. 4e



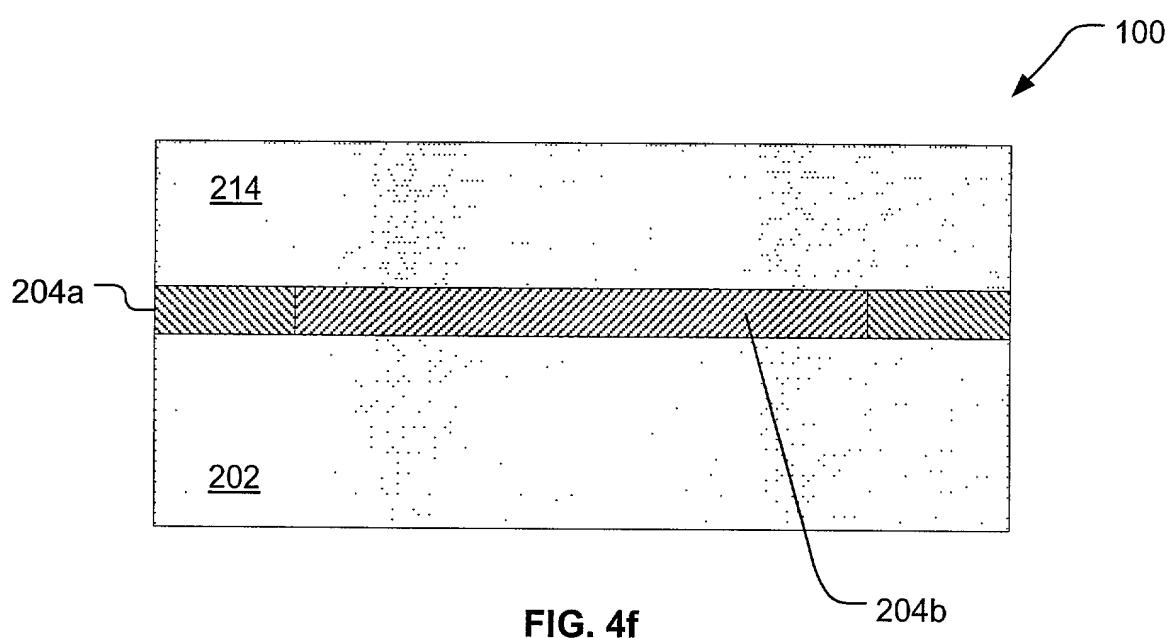


FIG. 4f

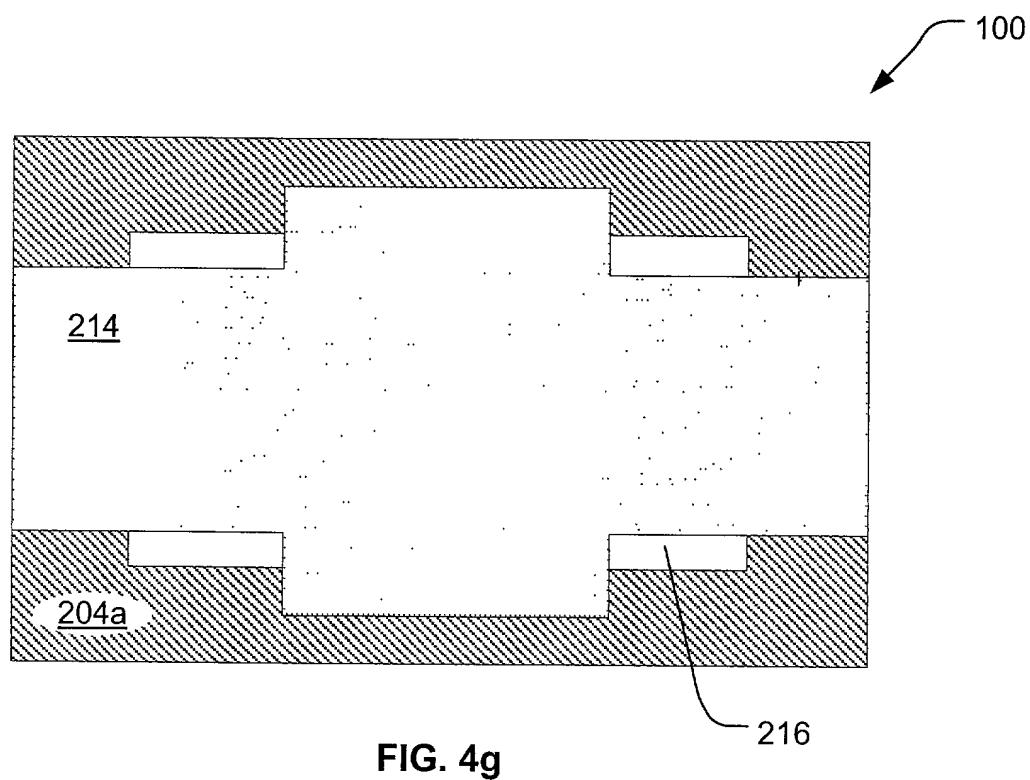


FIG. 4g

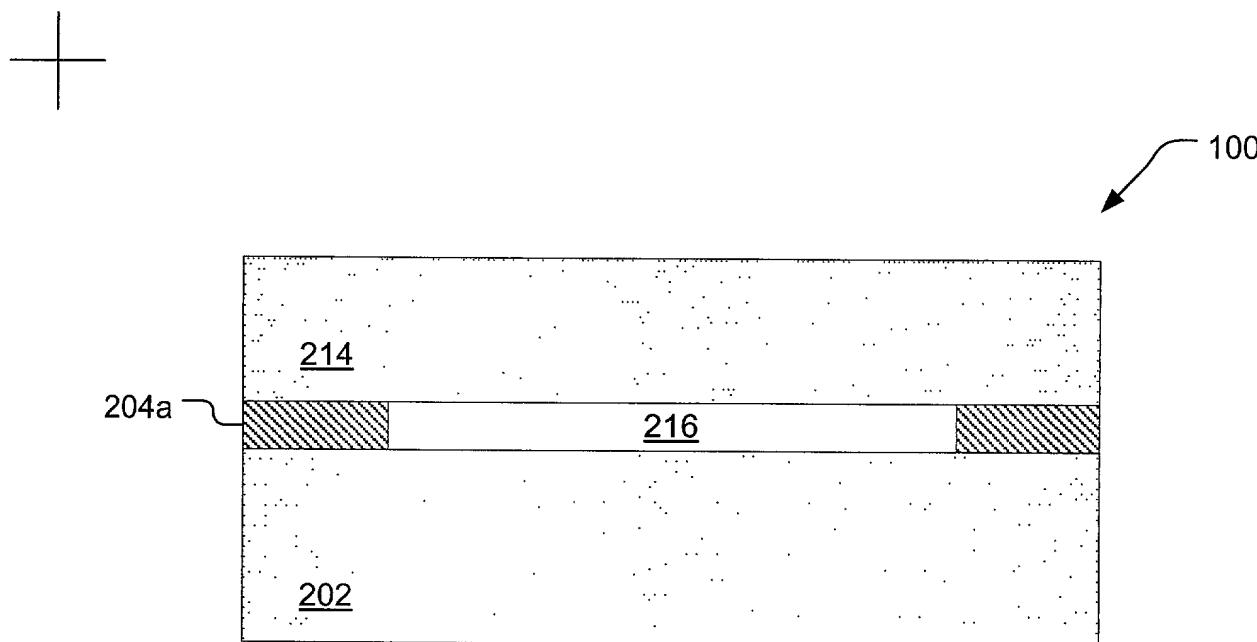


FIG. 4h

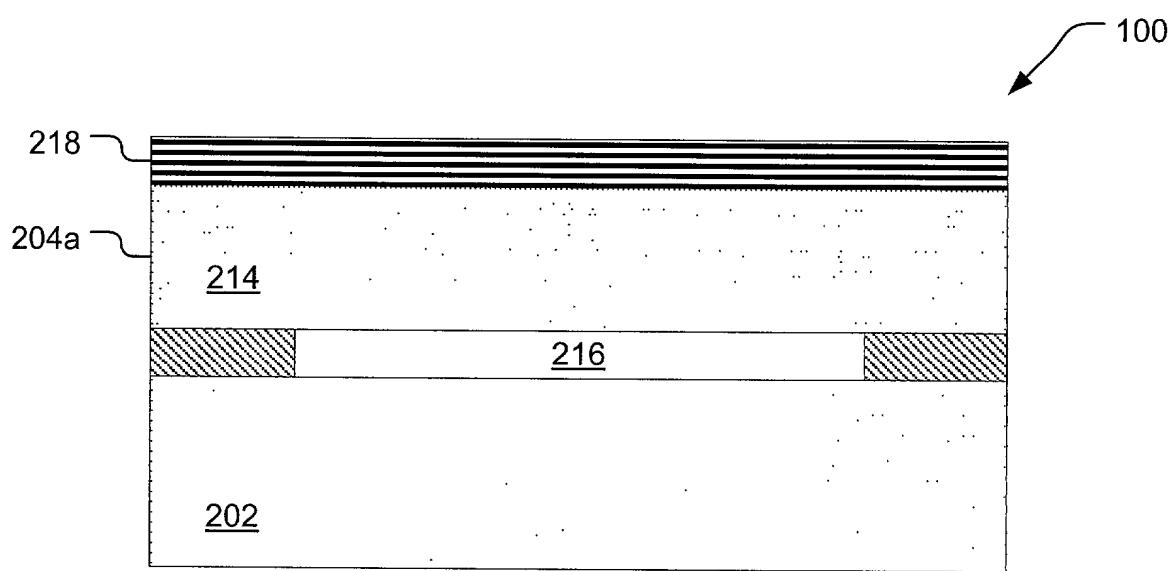


FIG. 4i

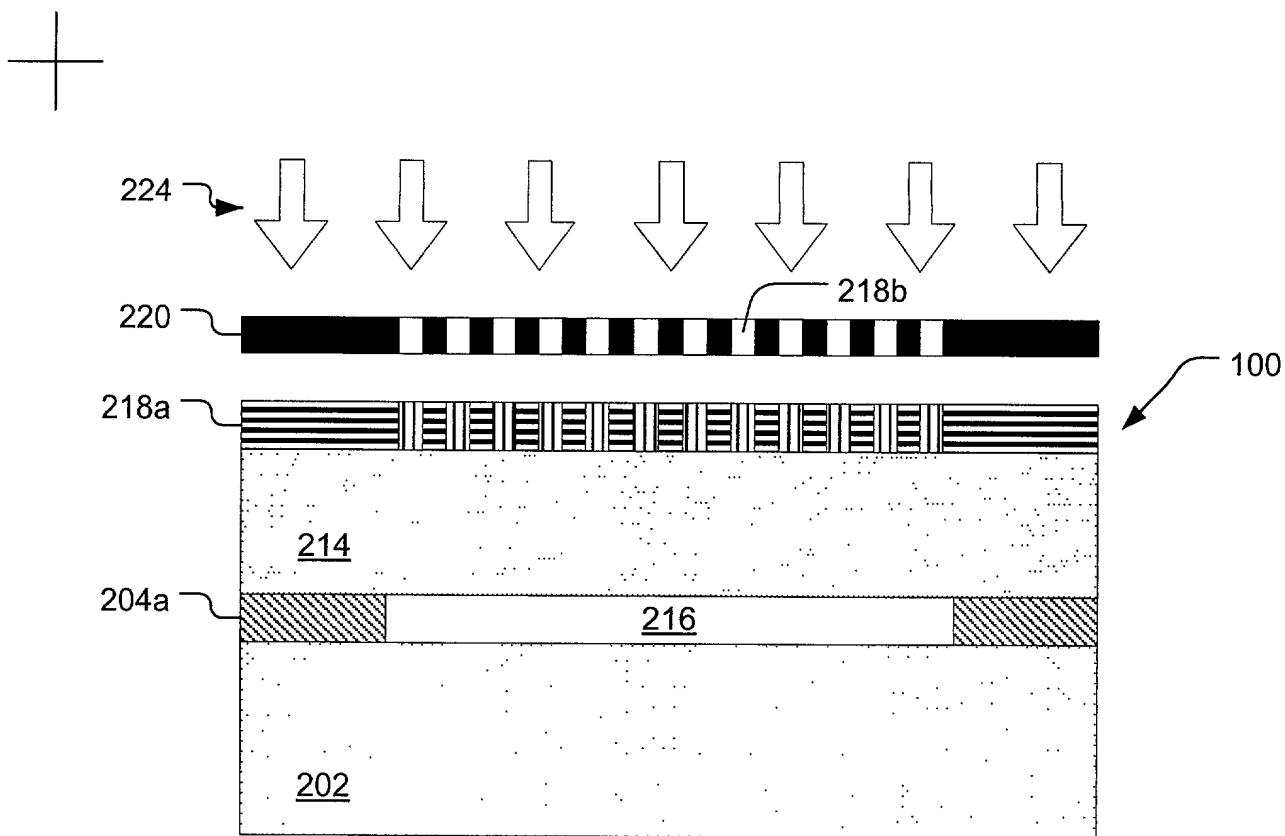


FIG. 4j

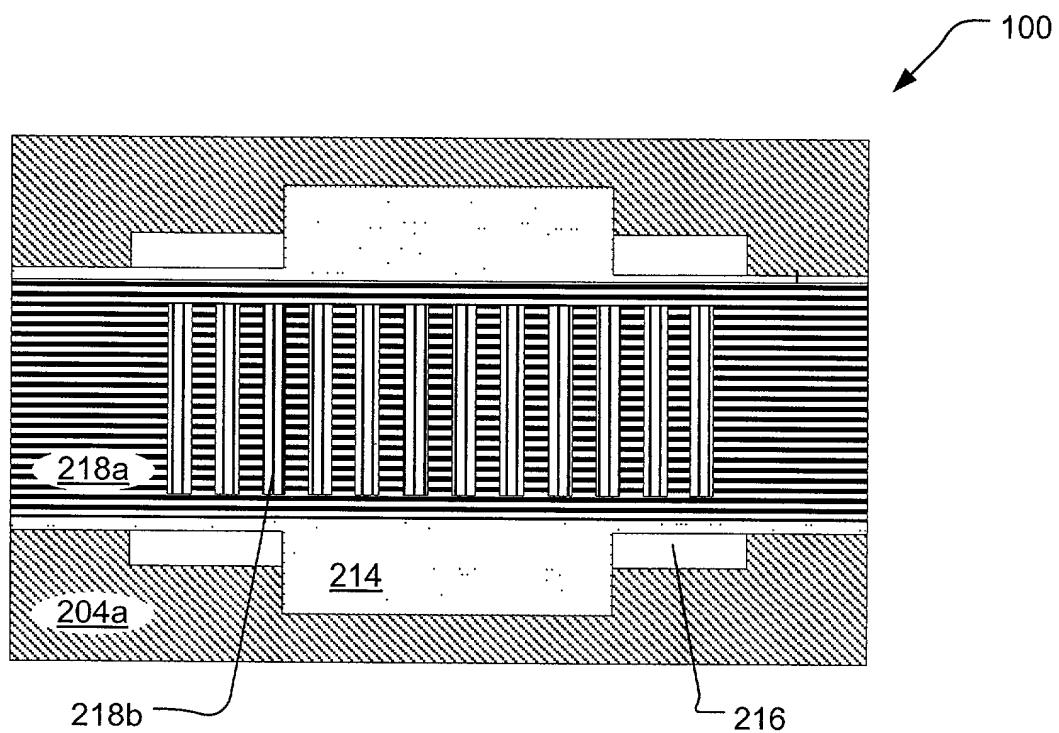


FIG. 4k

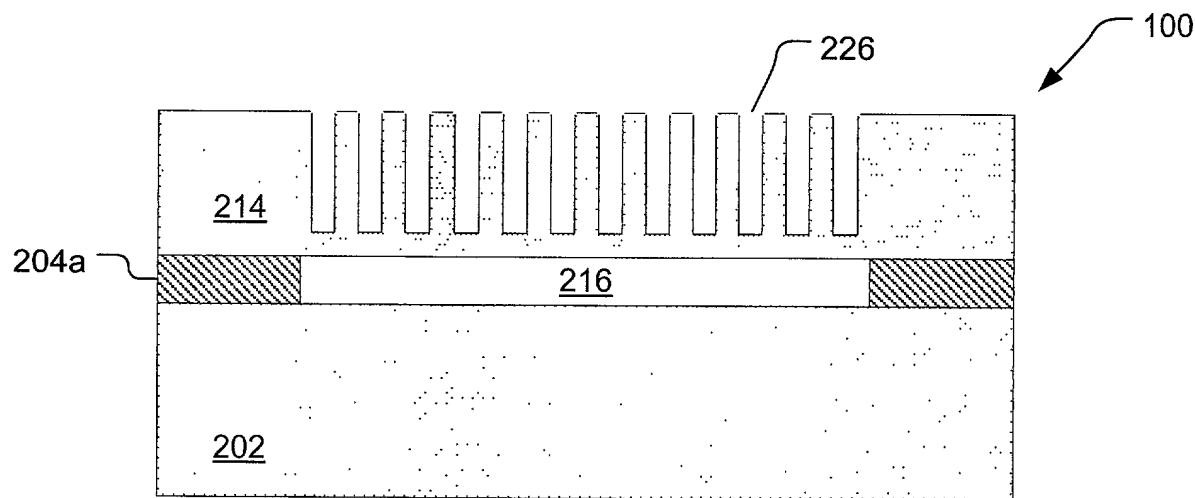


FIG. 4I

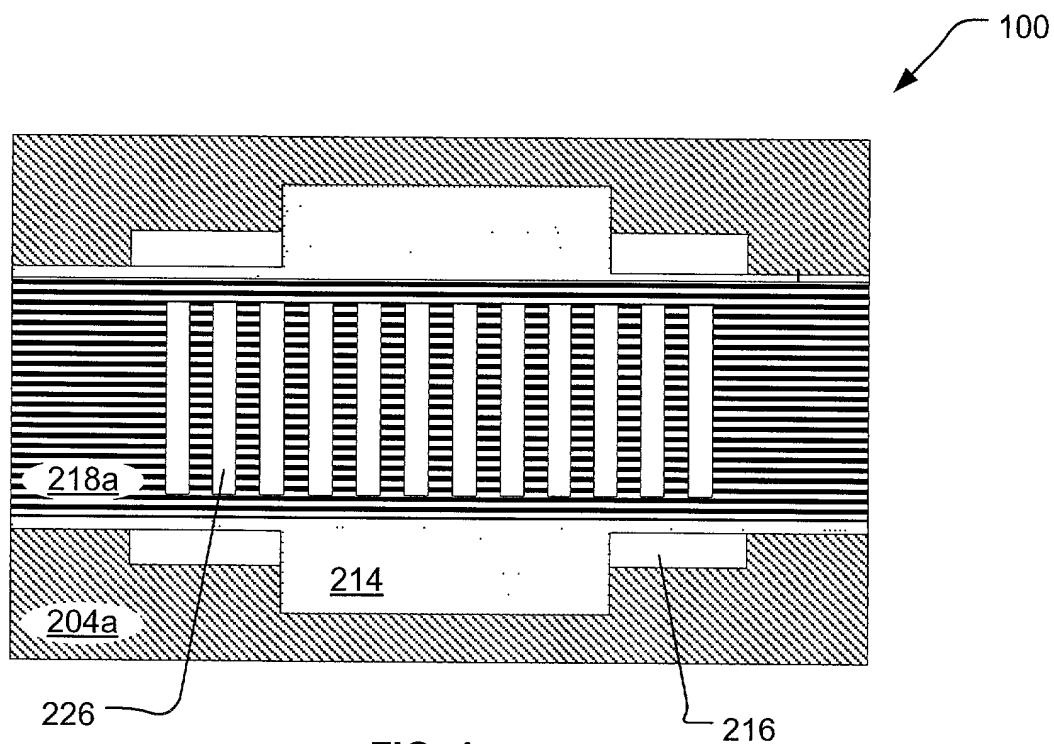


FIG. 4m

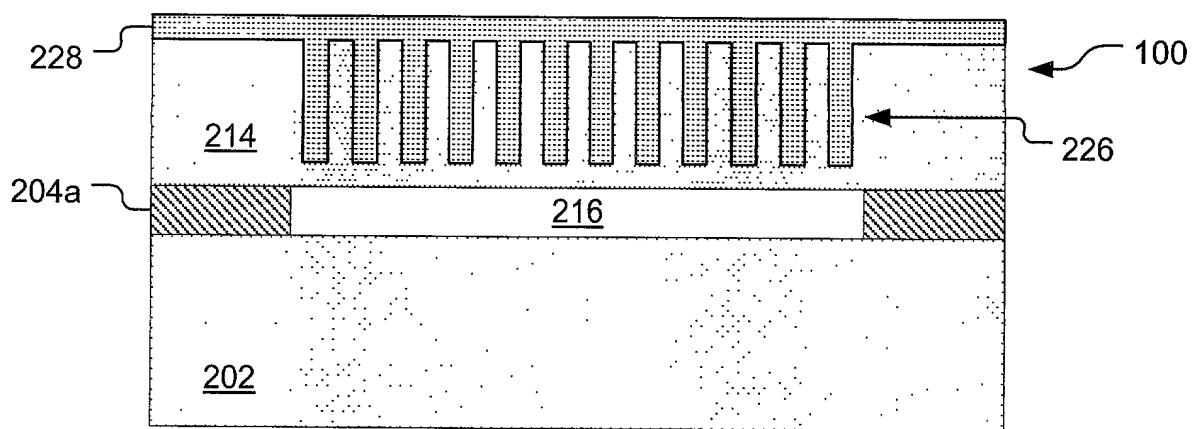


FIG. 4n

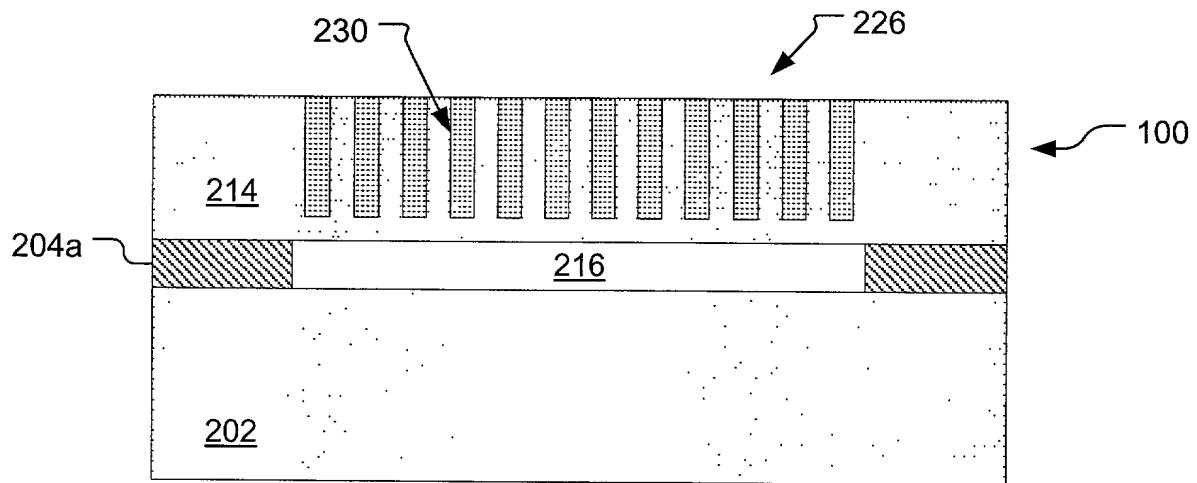


FIG. 4o

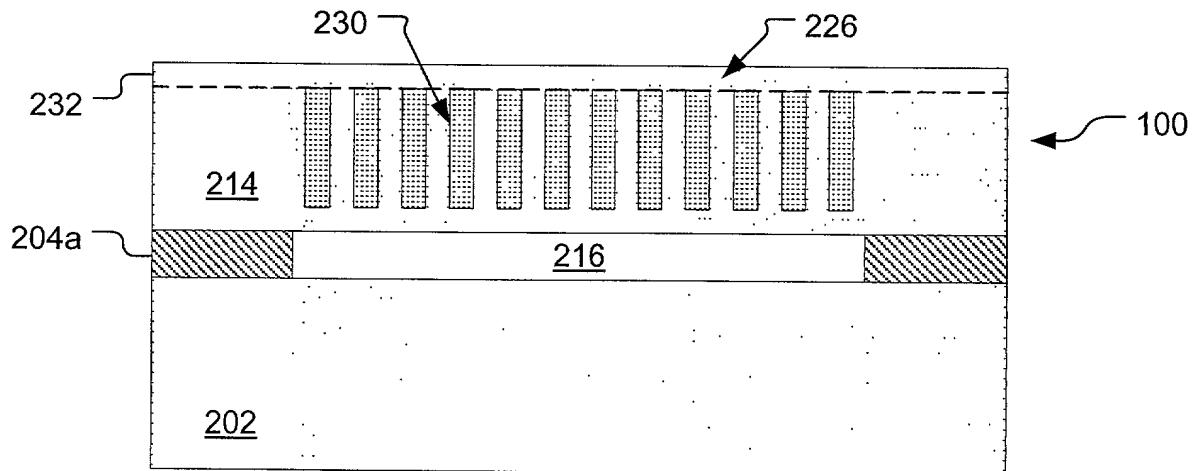


FIG. 4p

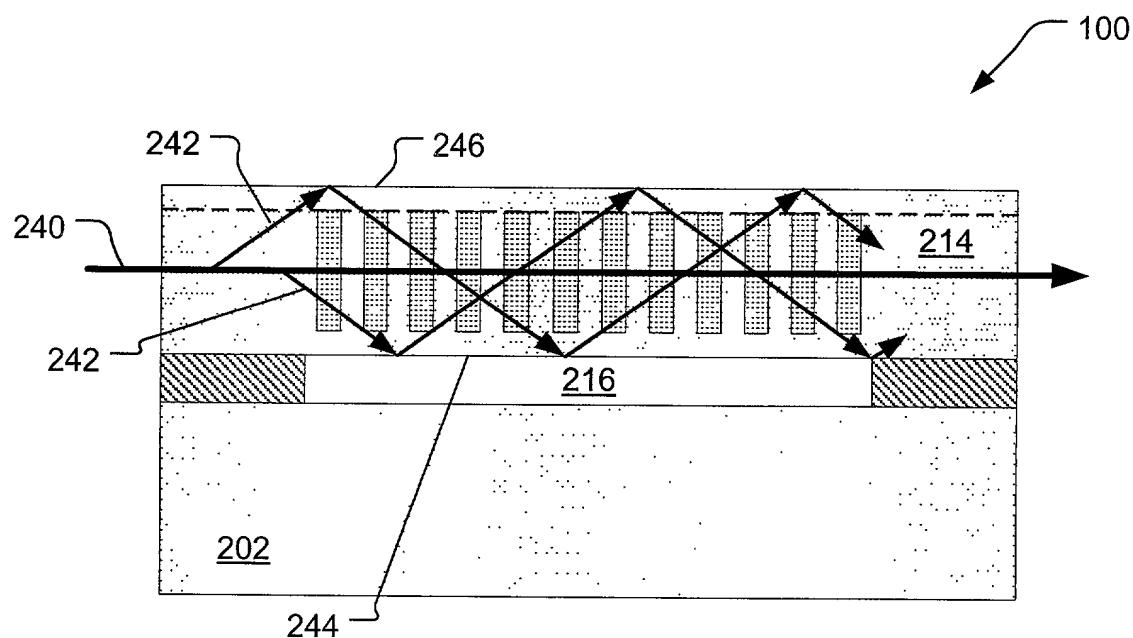


FIG. 5a

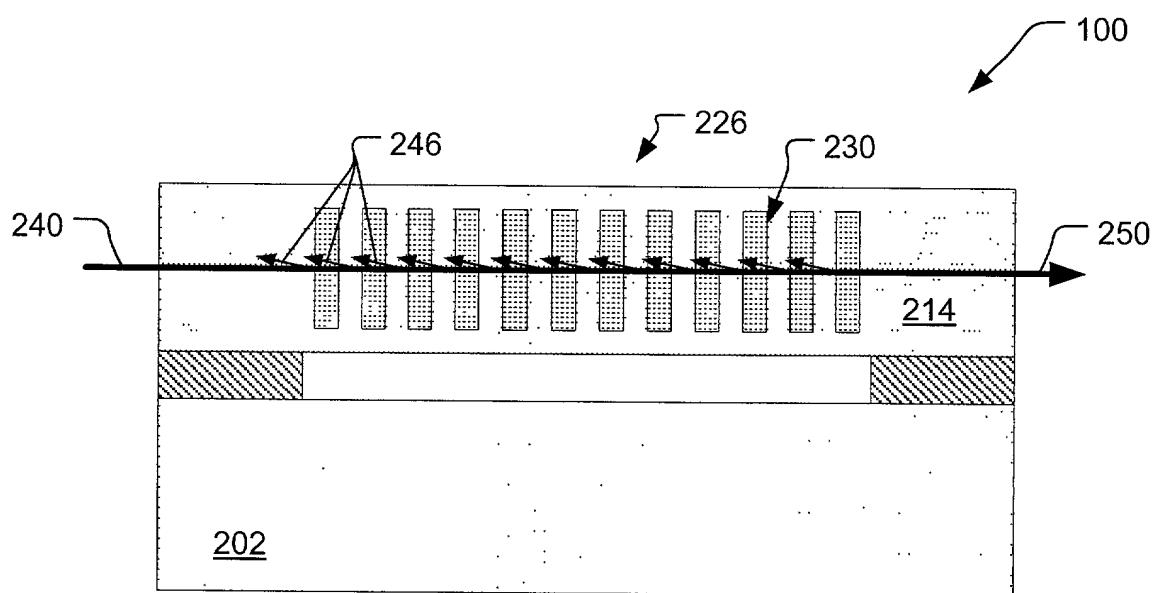


FIG. 5b

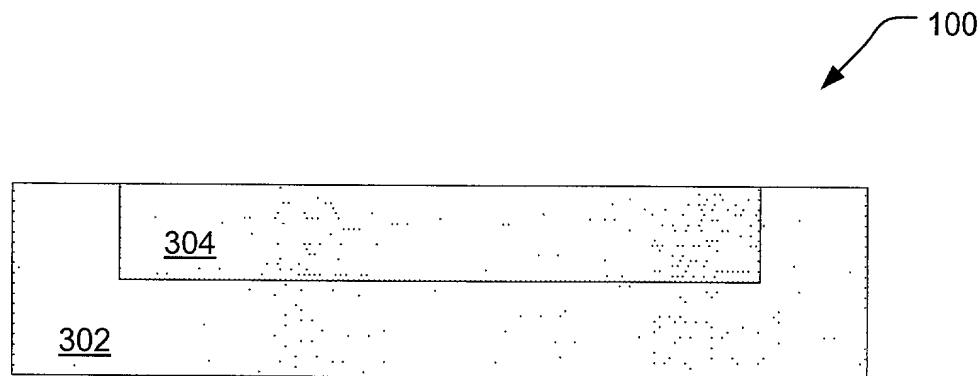


FIG. 6a

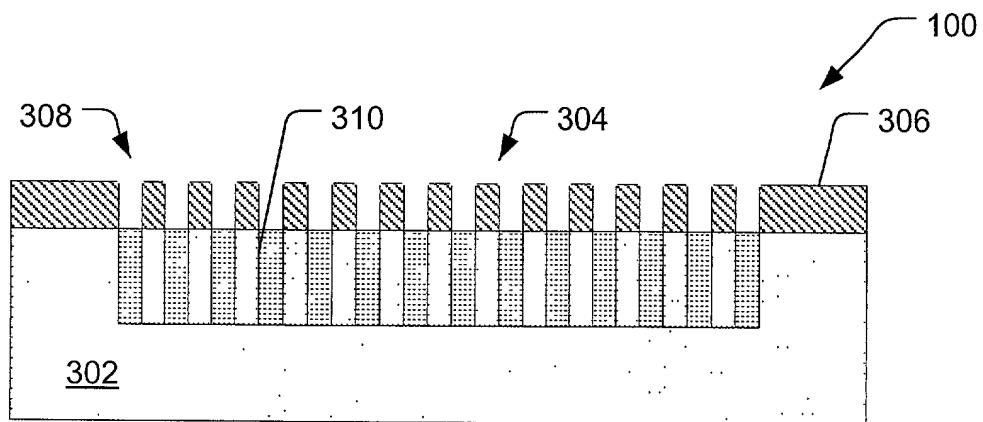
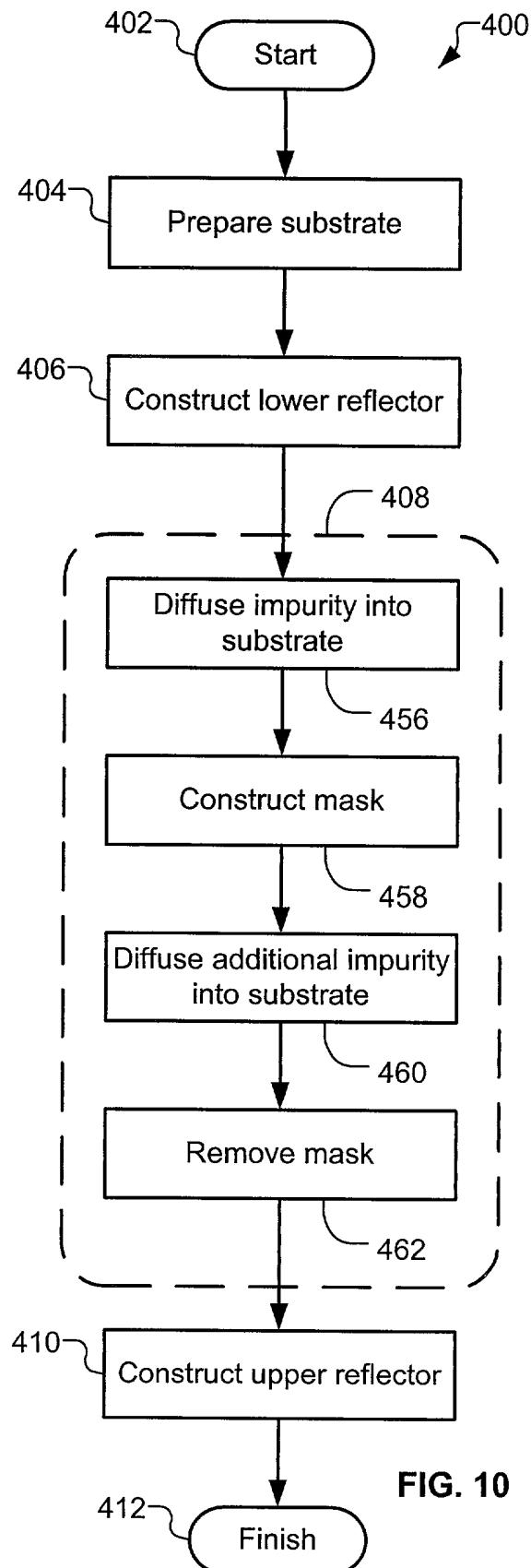
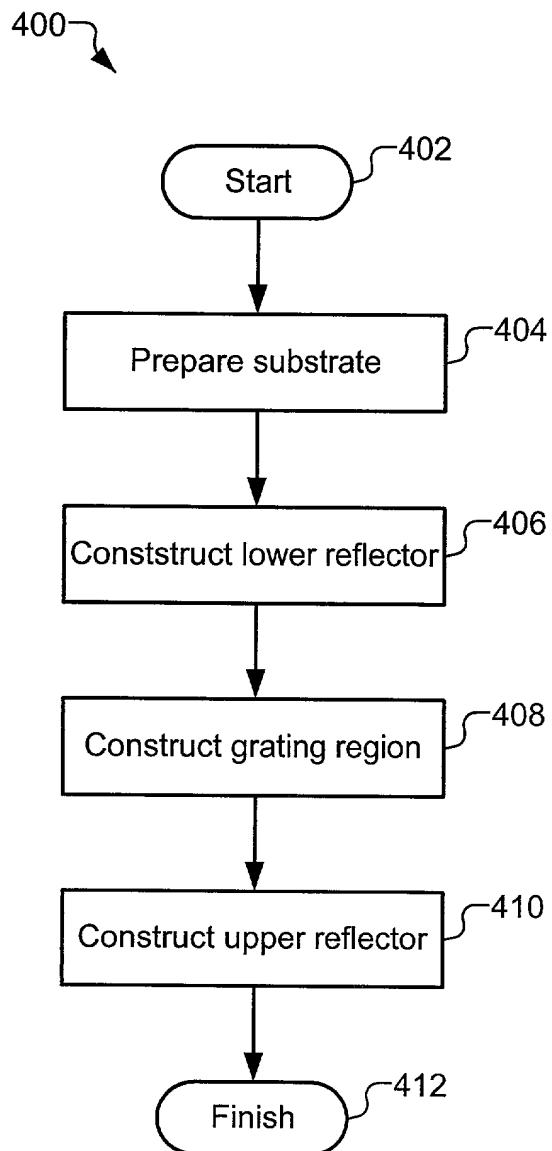


FIG. 6b



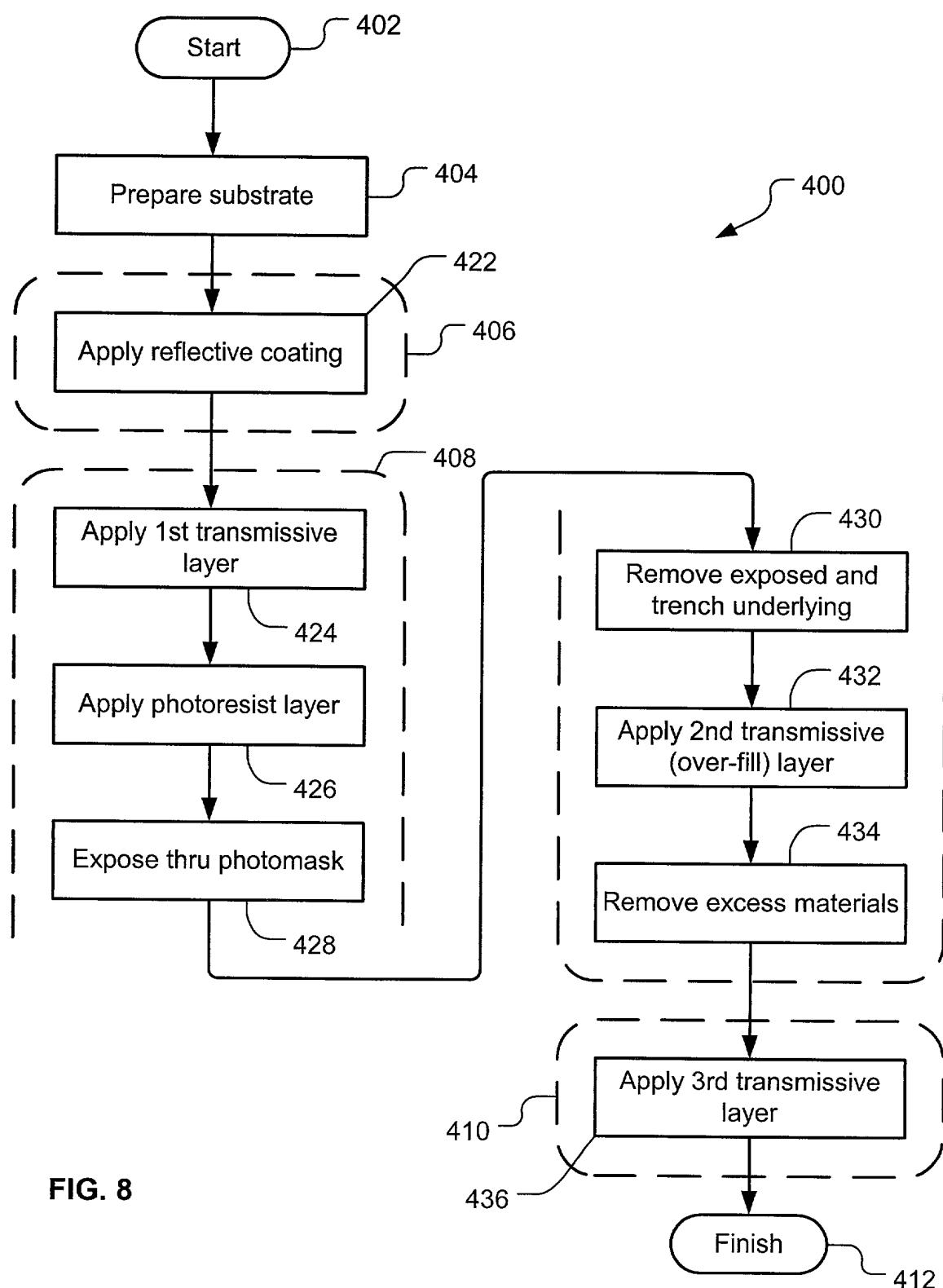


FIG. 8

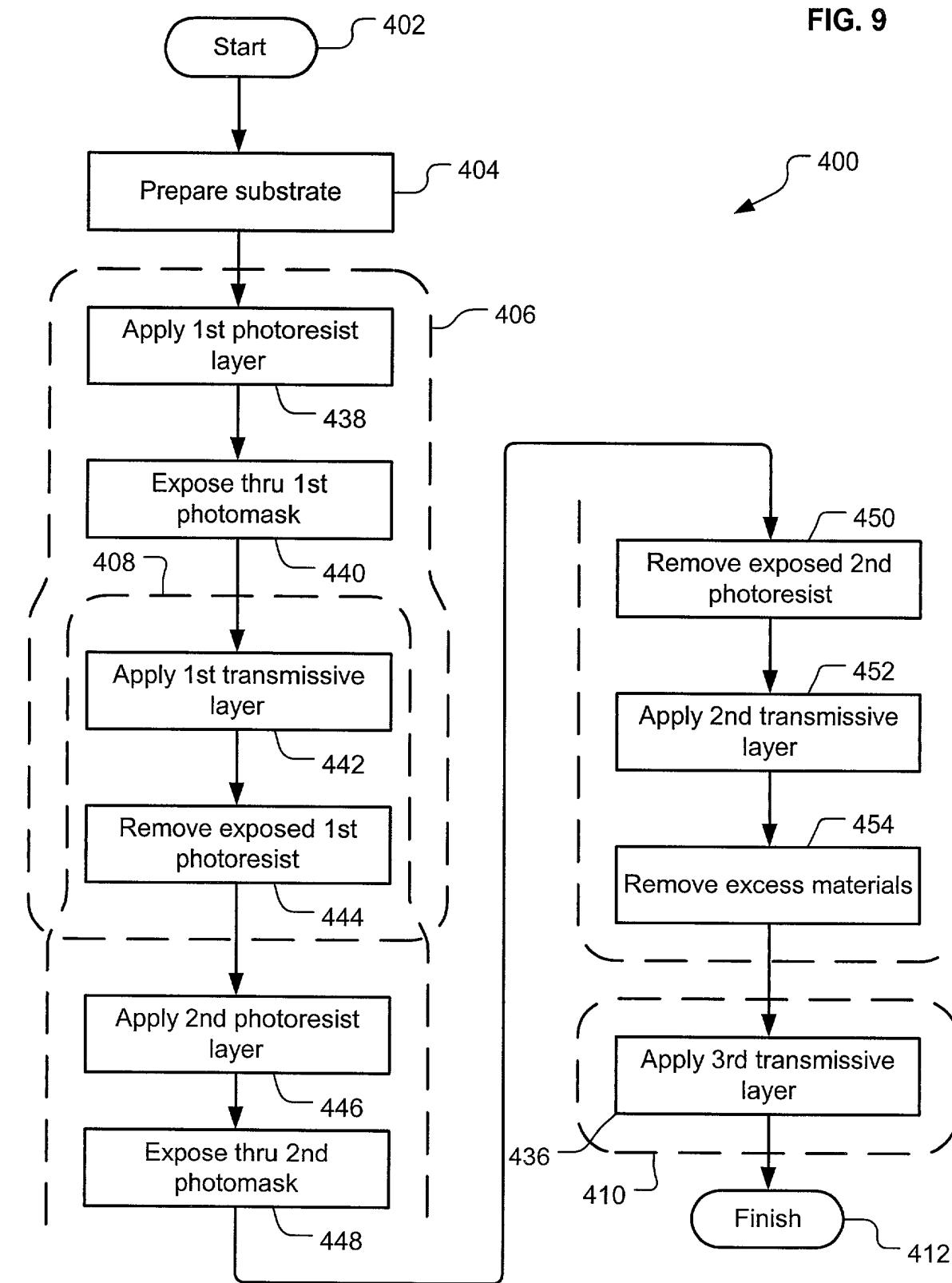


FIG. 9

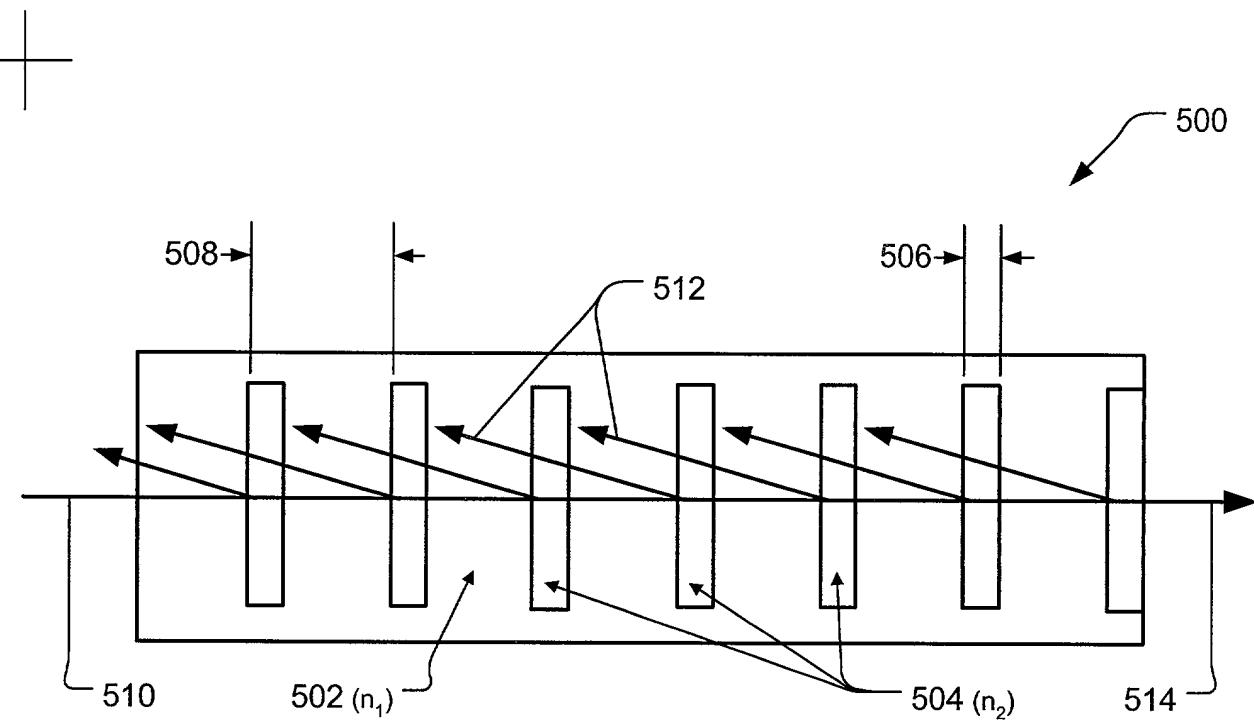


FIG. 11

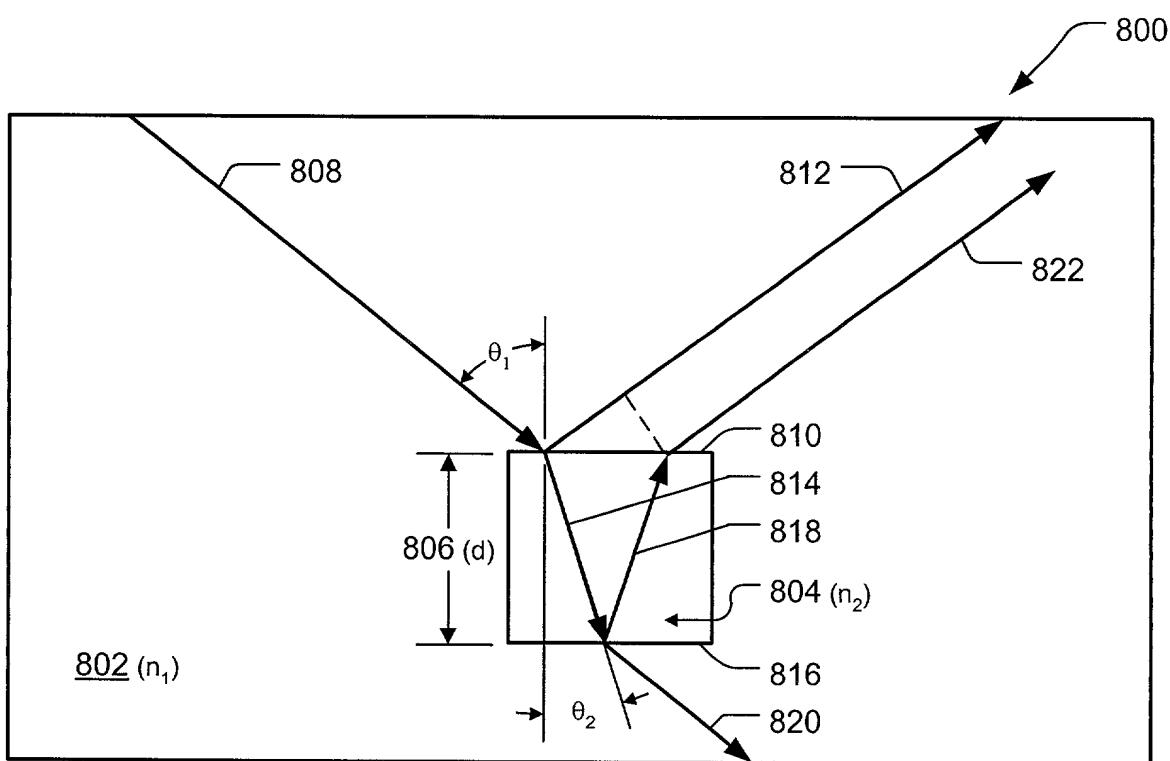


FIG. 14

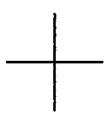
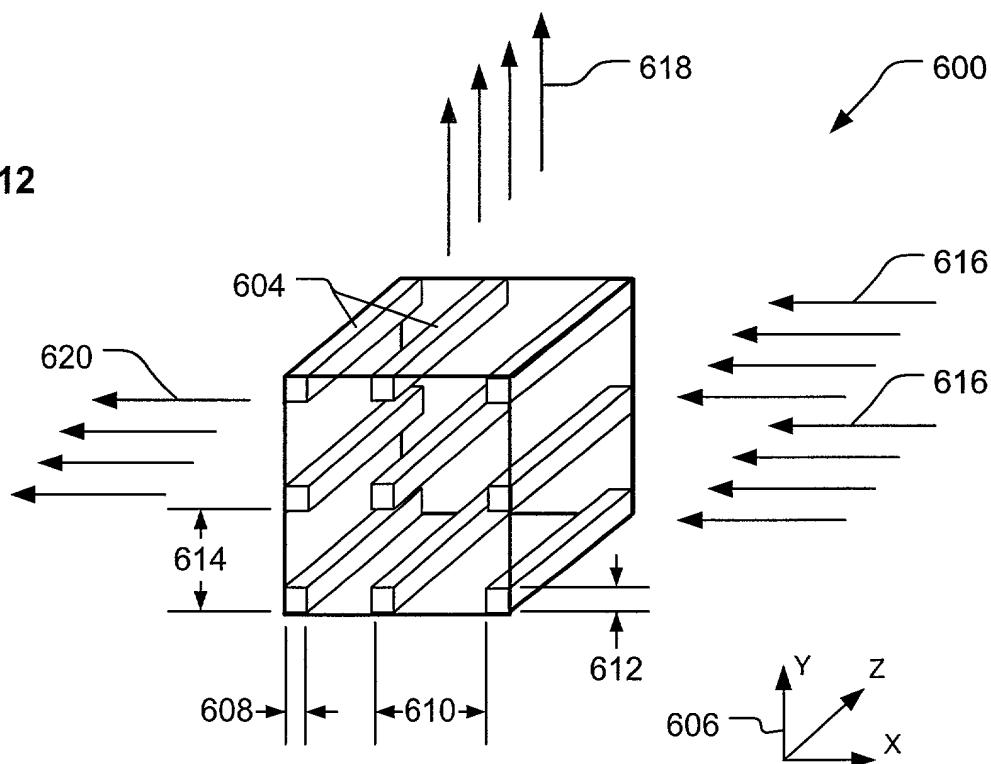


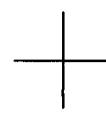
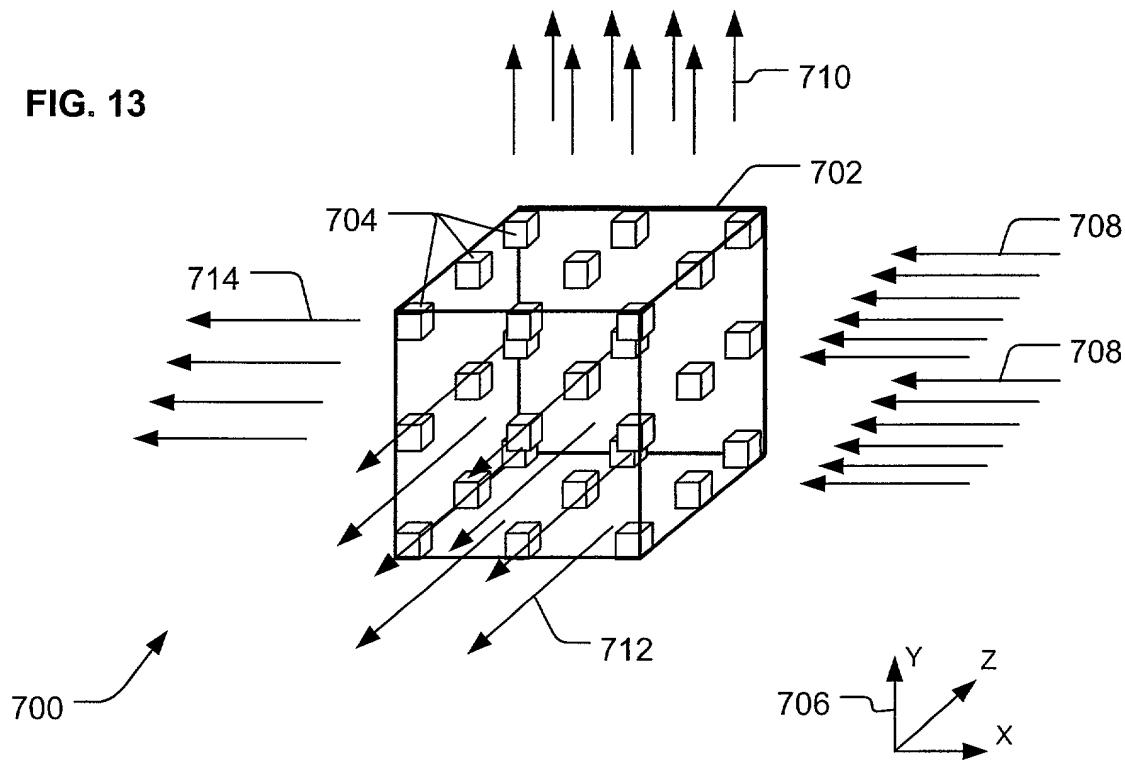
FIG. 12

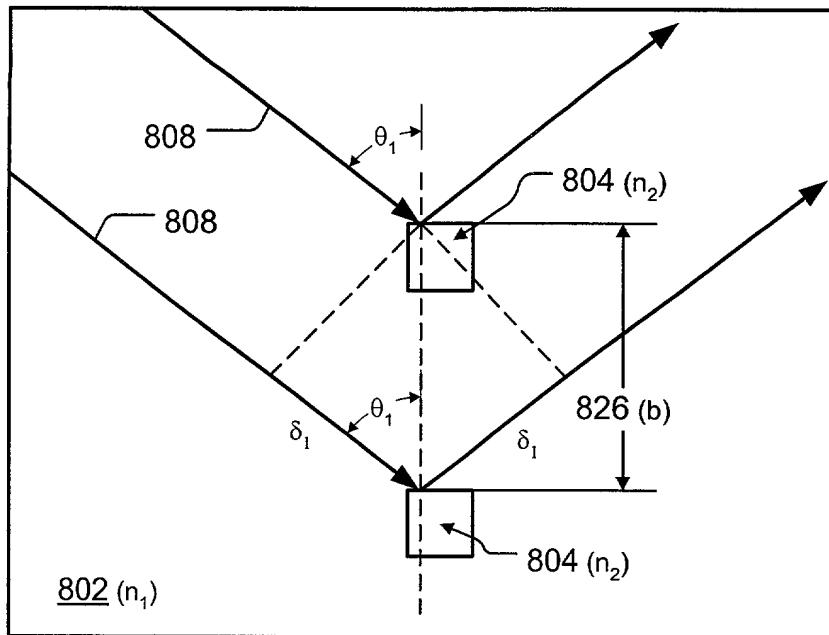
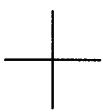


100 200 300 400 500 600 700 800 900 1000



FIG. 13





800

FIG. 15

1000 900 800 700 600 500 400 300 200 100 0

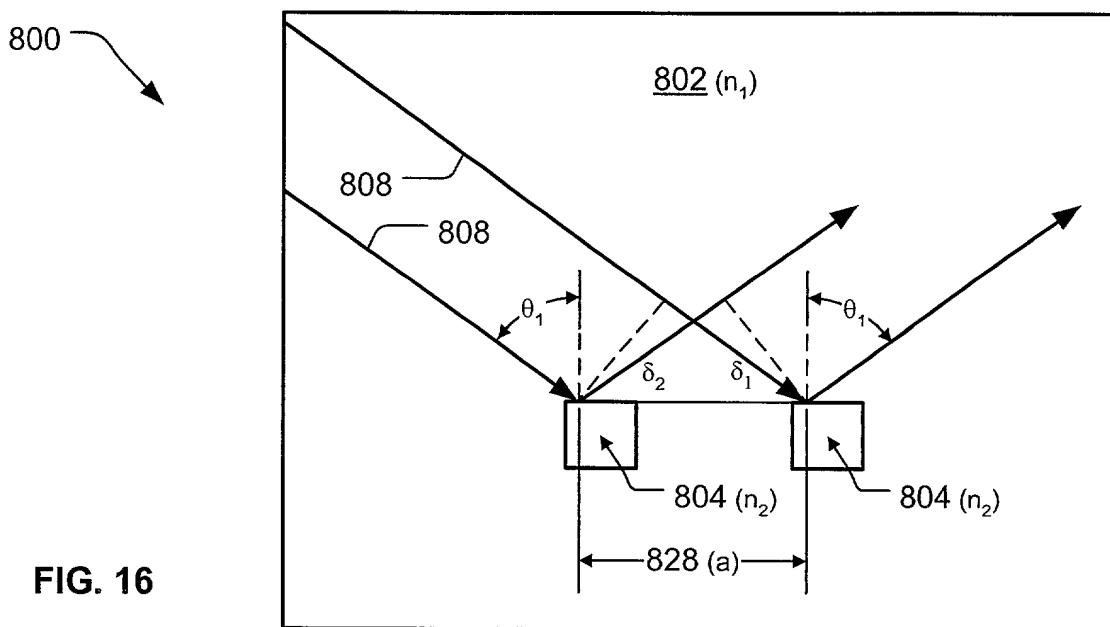
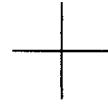


FIG. 16



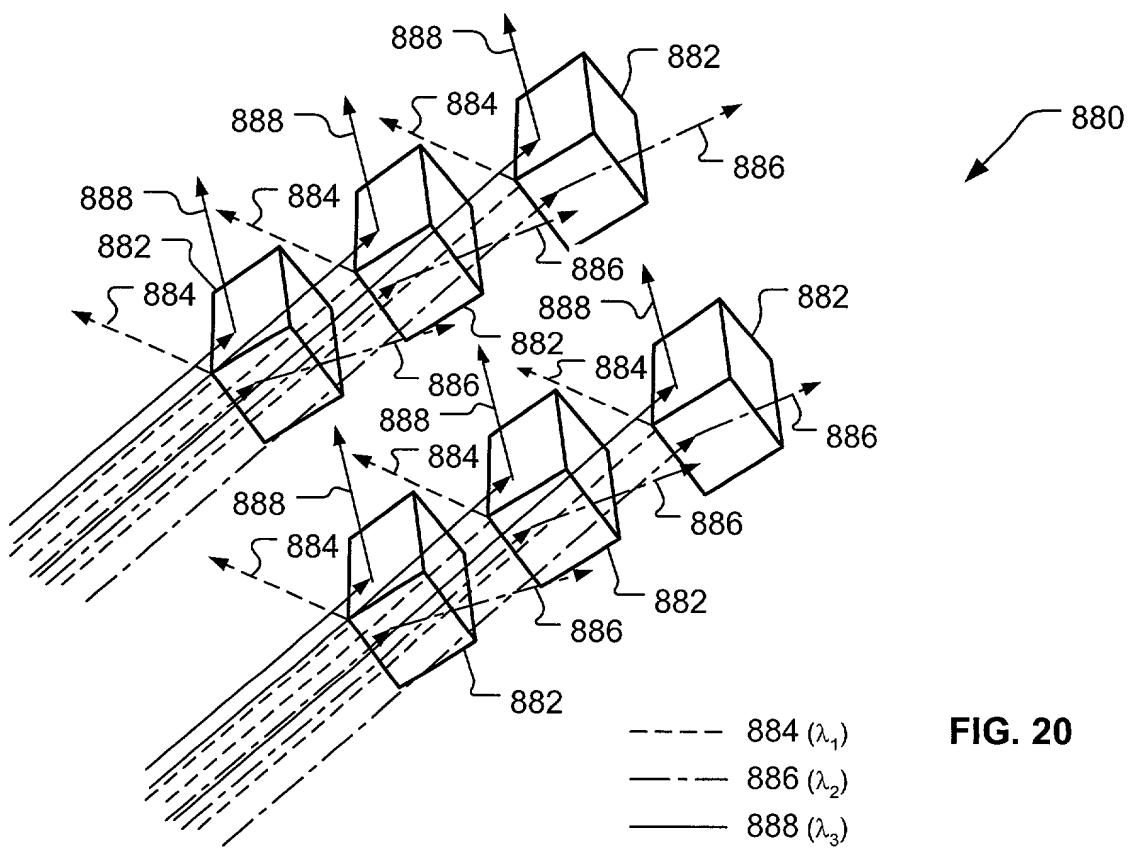
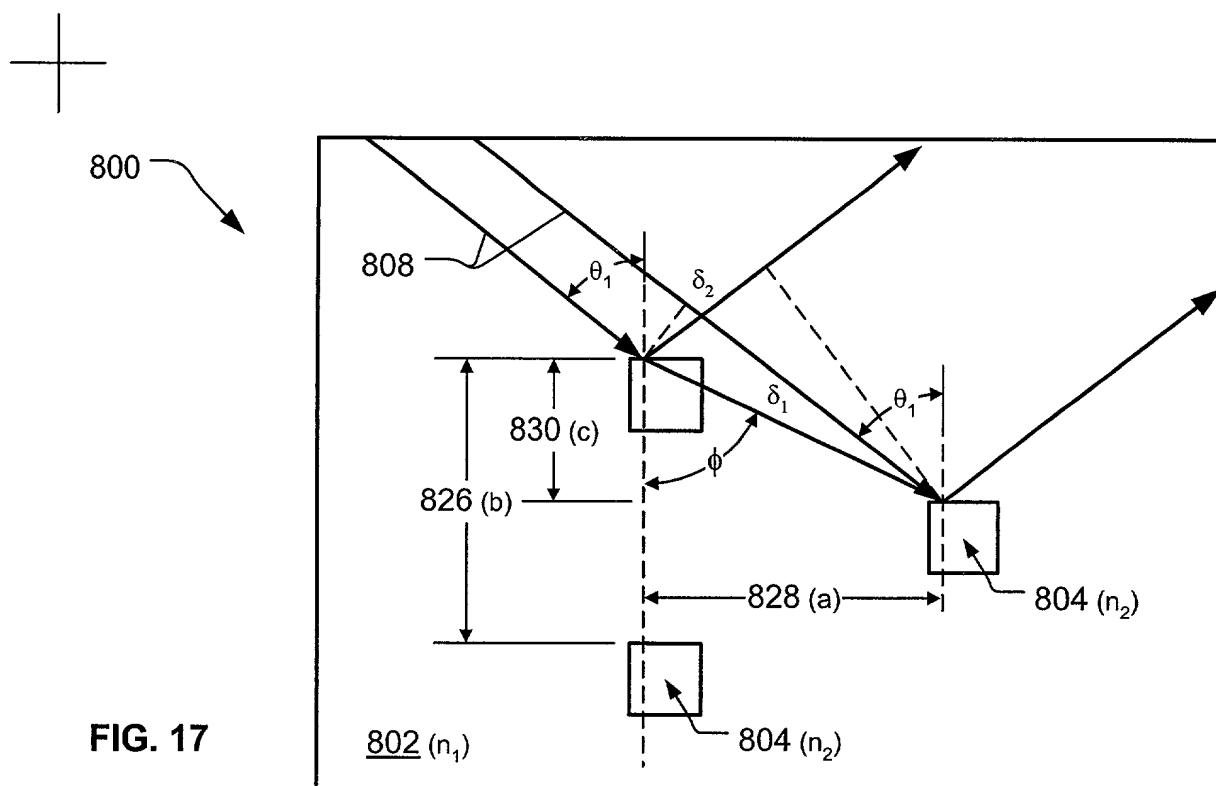


FIG. 18

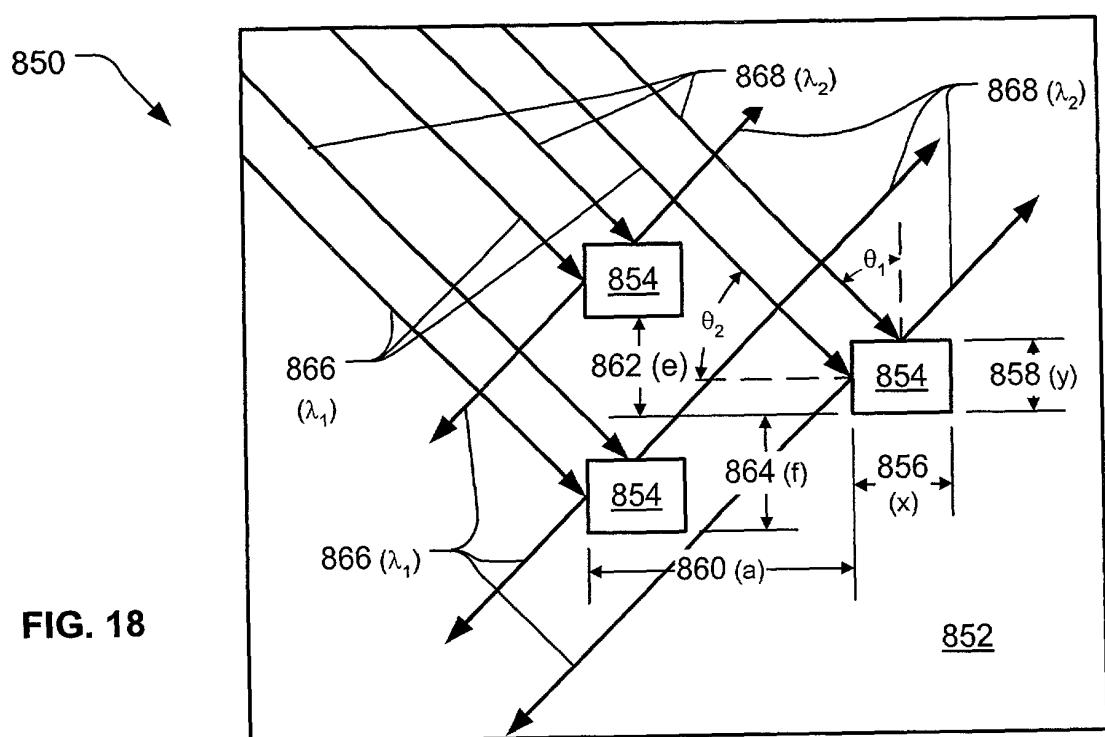
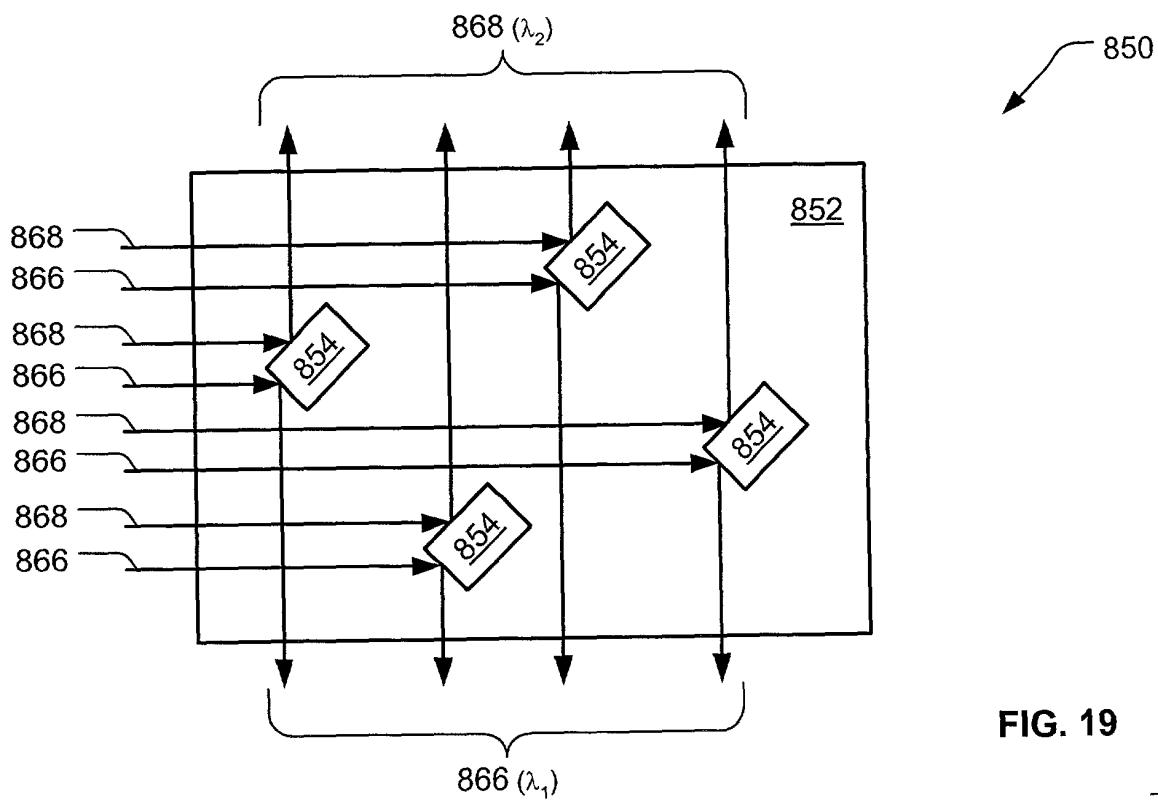


FIG. 19



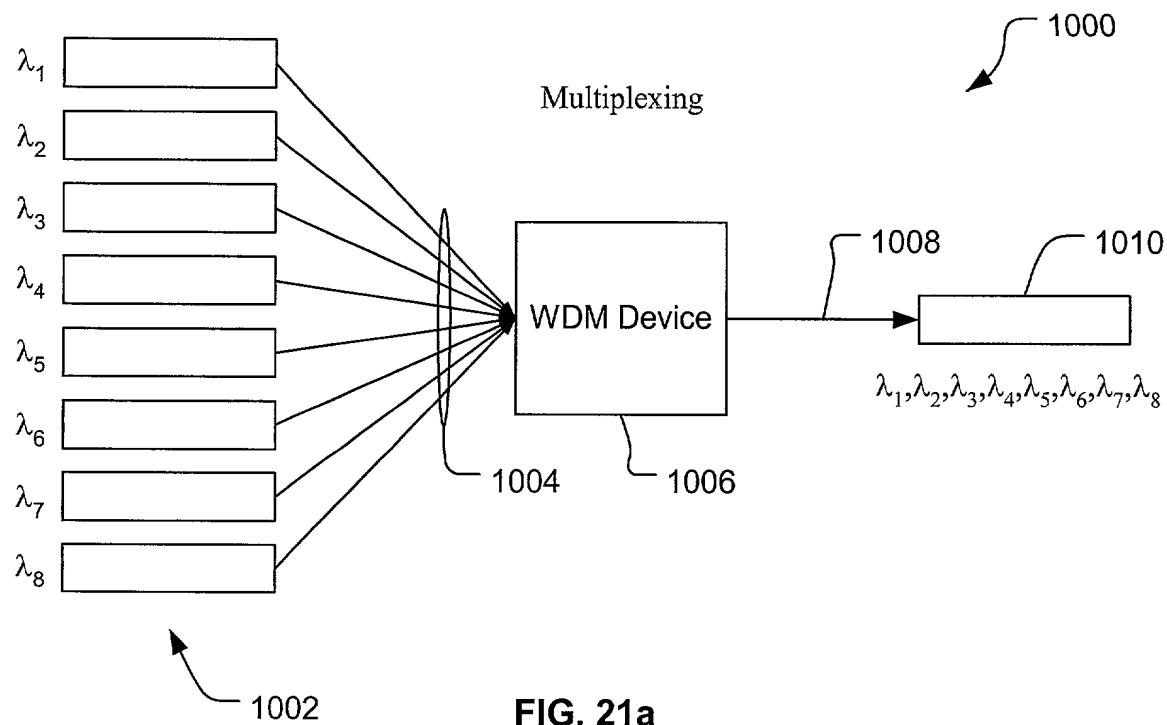
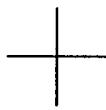


FIG. 21a

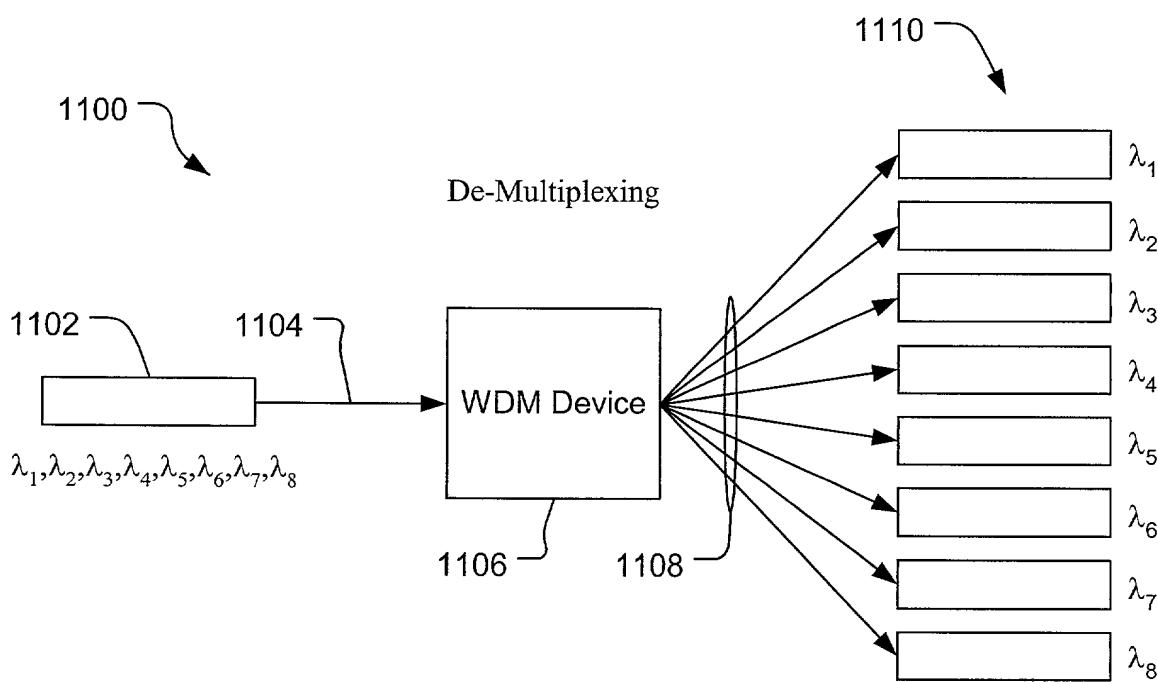


FIG. 21b

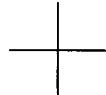


FIG. 22

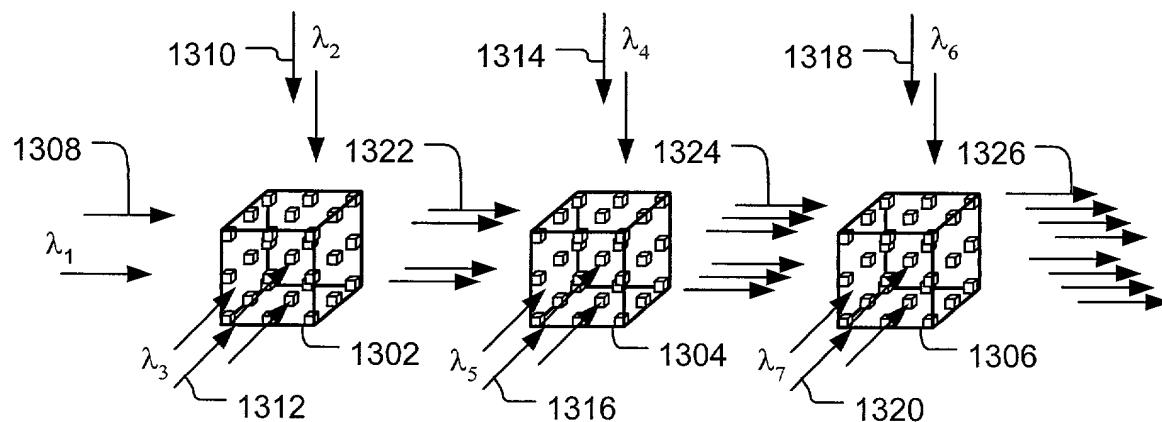
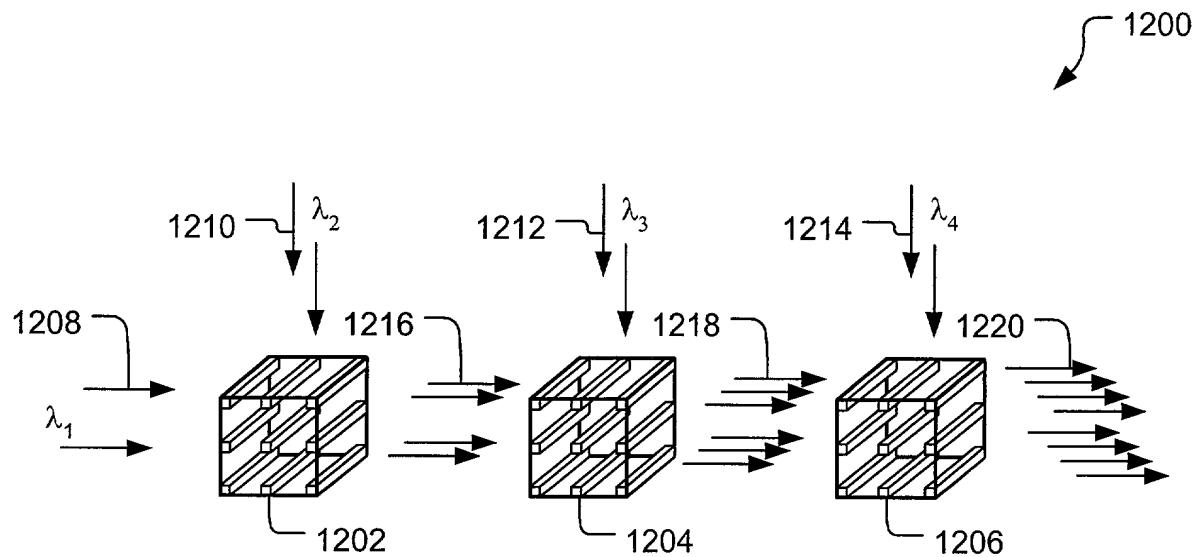
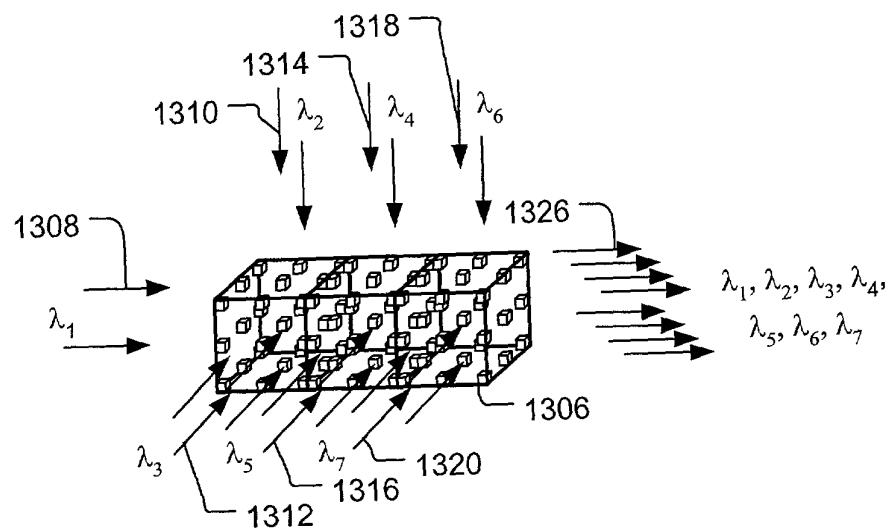
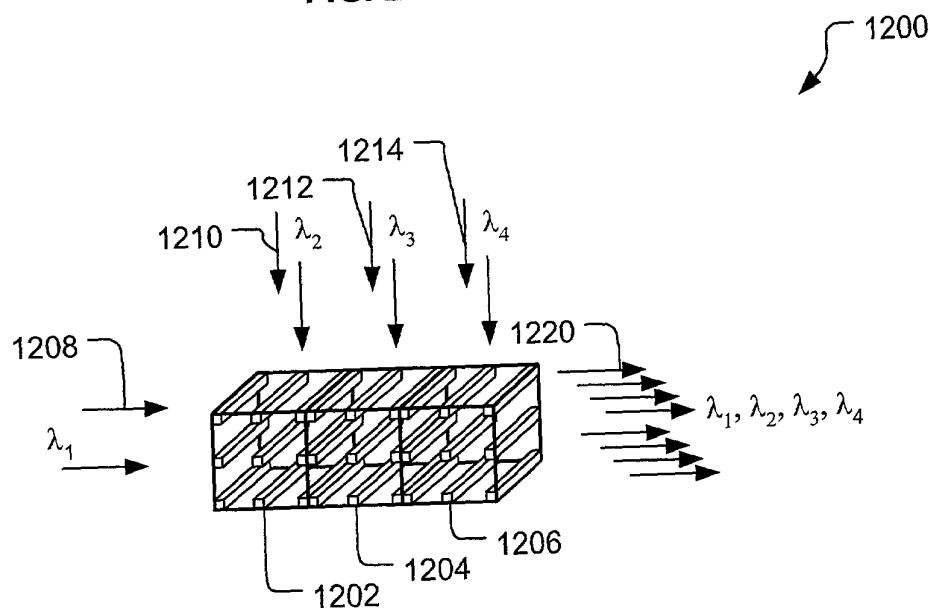


FIG. 23

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FIG. 24



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FIG. 25

FIG. 26

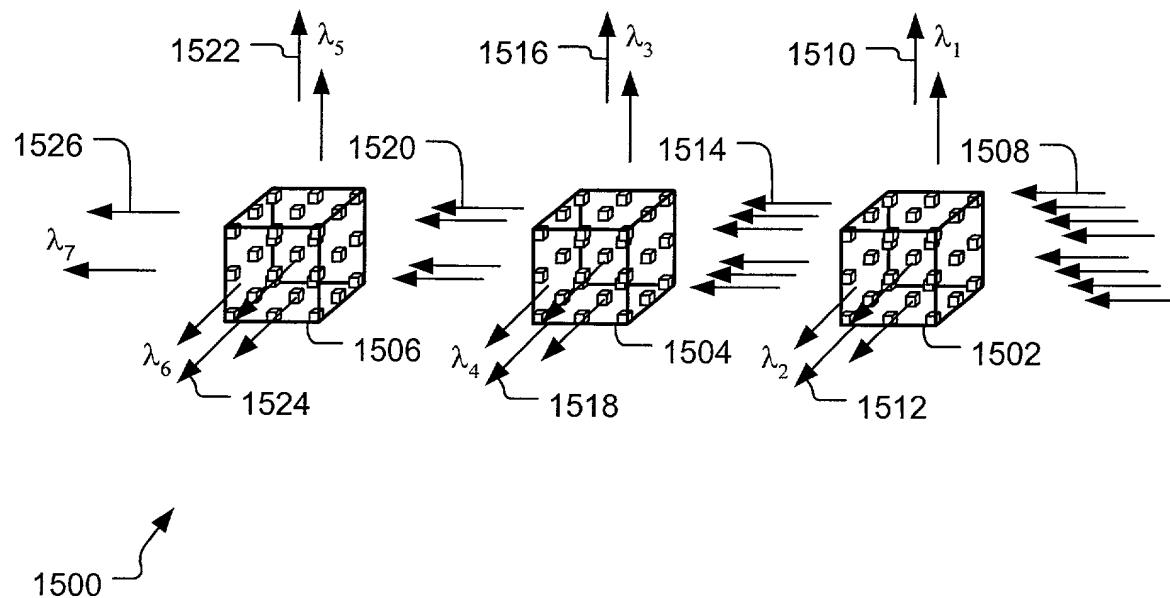
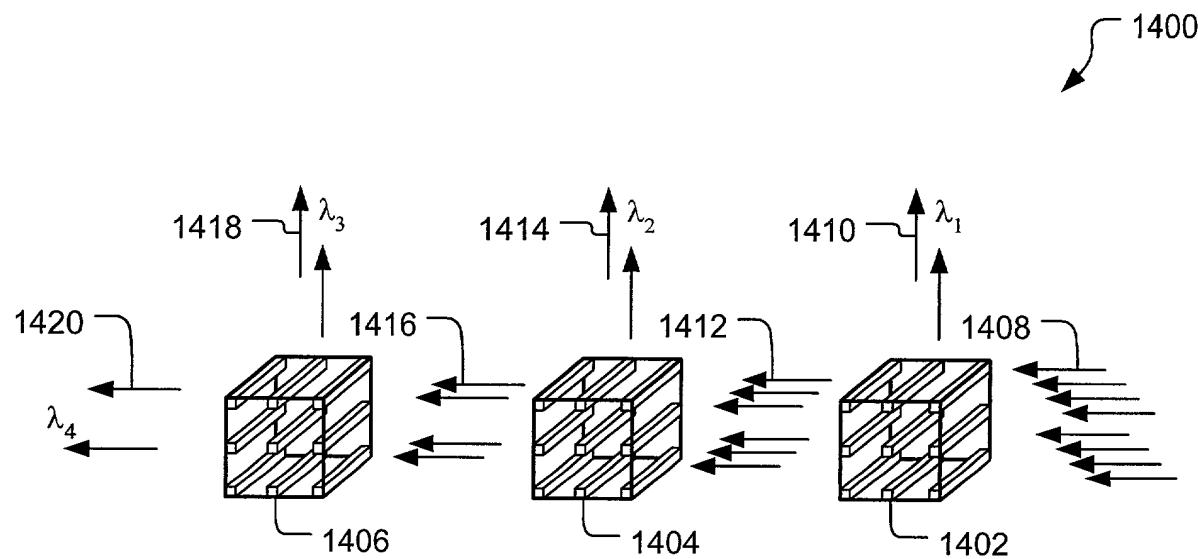


FIG. 27

FIG. 28

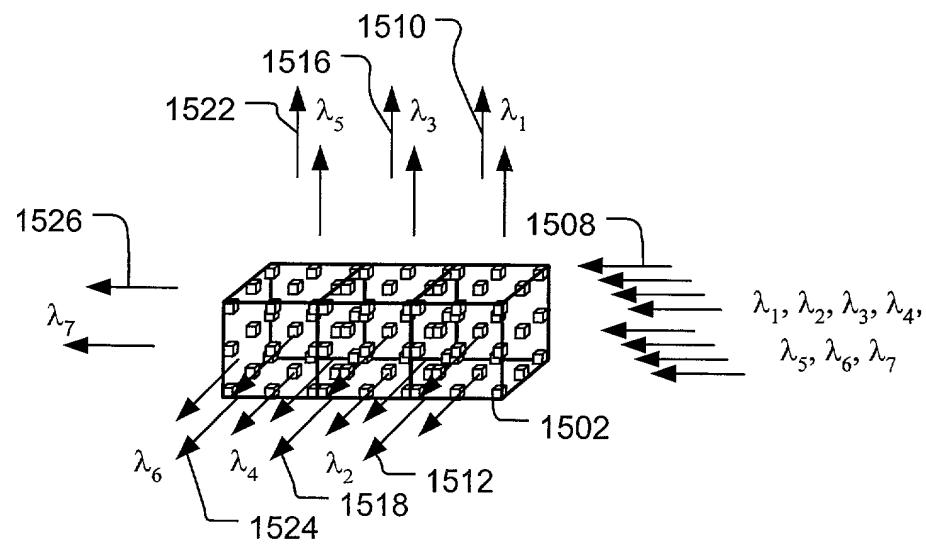
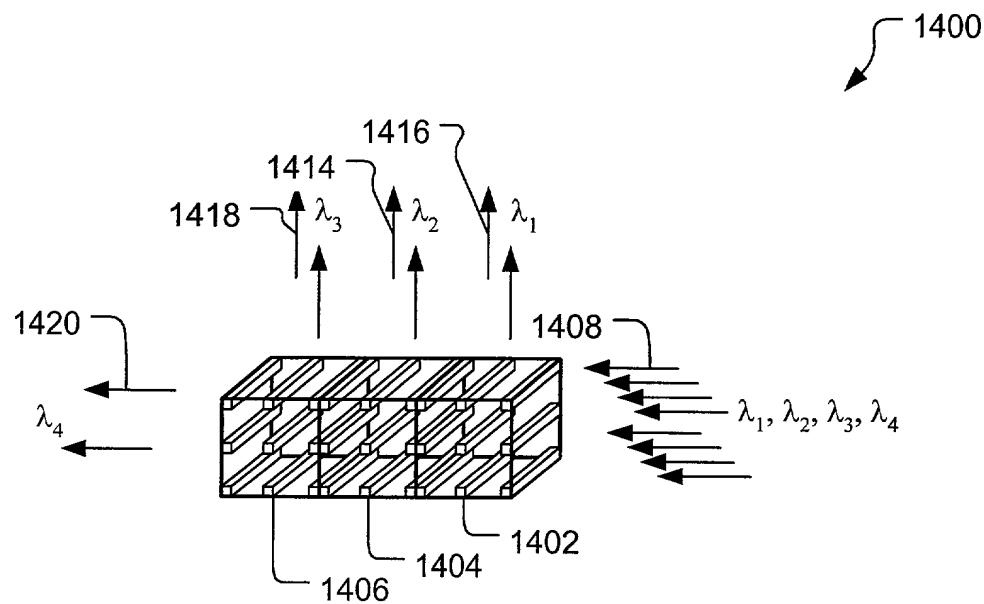


FIG. 29

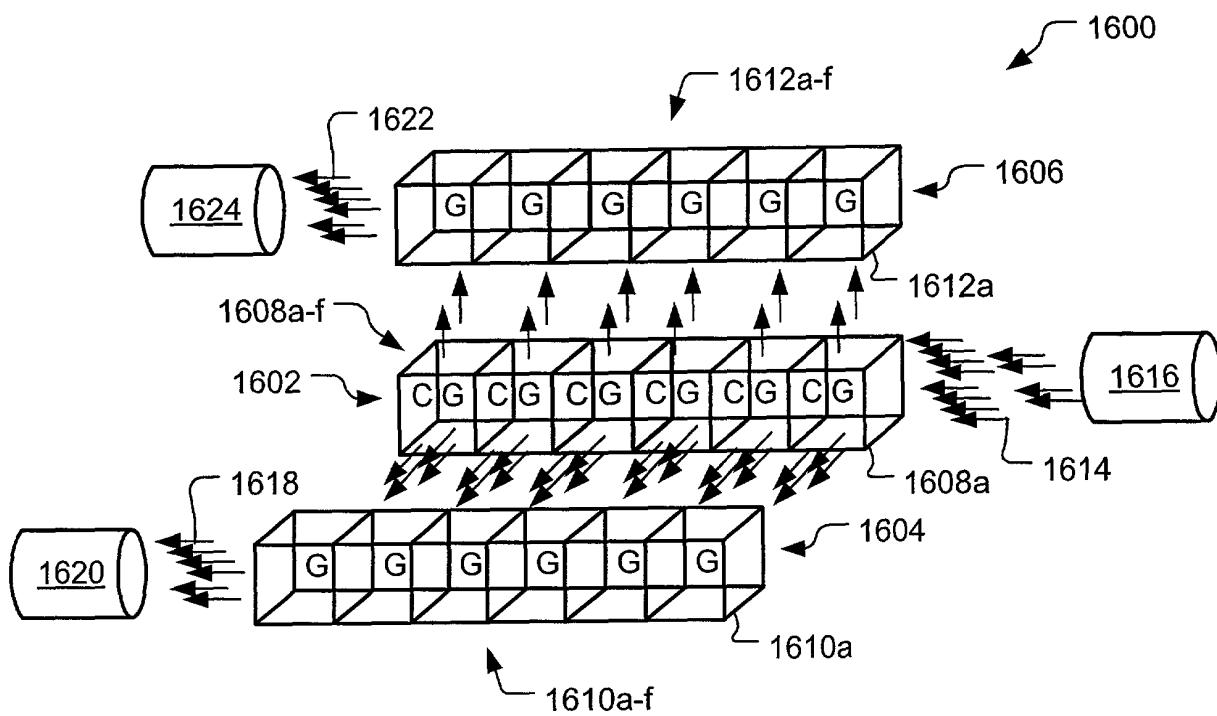


FIG. 30

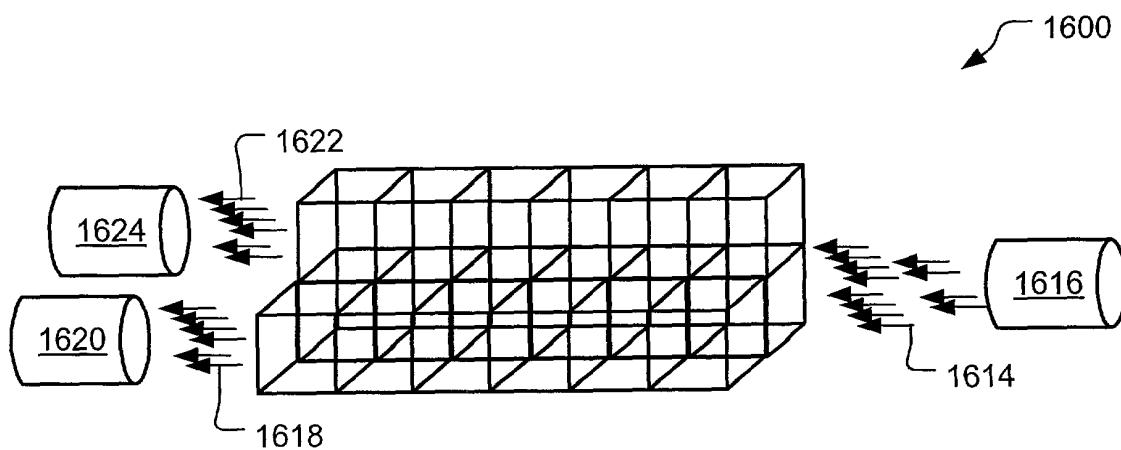


FIG. 31

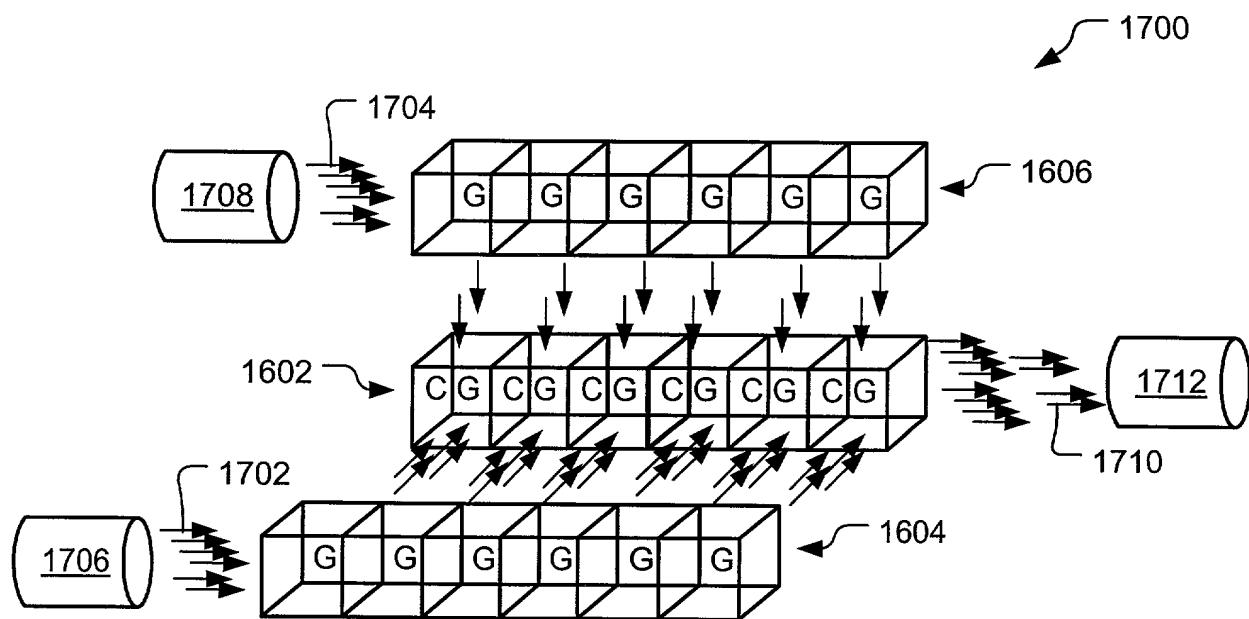


FIG. 32

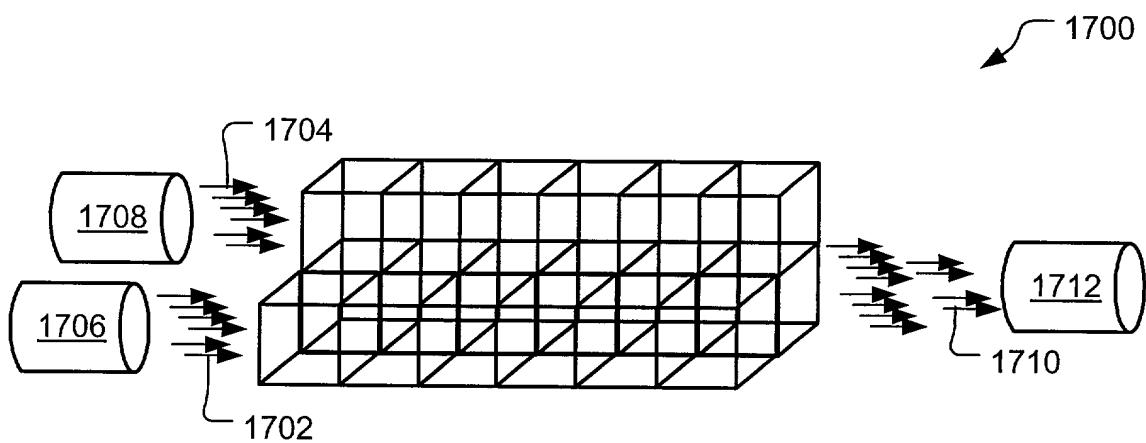


FIG. 33